CITY OF LONDON
2013 DRINKING WATER SUMMARY REPORT

System Name: City of London Distribution System

Mailing Address: Corporation of the City of London
P.O. Box 5035, 300 Dufferin Ave.
London, ON N6A 4L9

System Rating: Water Distribution Subsystem Class IV
Water Treatment Subsystem Class II

Average Day Demand: 125.7 MLD
Peak Day Demand: 165.5 MLD (July 18, 2013)
Population Served: 366,000 (est.)
Source Water: Surface Water (Lake Huron, Lake Erie)
Drinking Water System Number: 260004917
Municipal Drinking Water Licence: 006-101

CONTACT INFO:

Owner:
Corporation of the City of London
300 Dufferin Avenue, London, Ontario N6A 4L9
Contact: Mr. John Simon, P.Eng. Division Manager Water Operations
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London
CANADA

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Reporting Requirements

Schedule 22-2 of O. Reg. 170/03 requires that the City of London prepare a Summary Report for its water works system for the preceding calendar year and submit it to the members of the Municipal Council by March 31 of each year. This report, presented to Municipal Council's Civic Works Committee on March 3, 2013 serves to fulfill that requirement.

On February 14, 2014, a copy of the 2013 Annual Report for the City of London's water works was submitted to the local office of the Ministry of Environment (MOE) as a courtesy for information purposes. A copy of this Summary Report for the City of London Distribution System will also be submitted, as a courtesy, to the local office of the MOE by March 31, 2013.

The Elgin-Middlesex Pumping Station (EMPS) (owned in part by the City of St. Thomas, the Town of Aylmer, and the City of London) was operated by the Ontario Clean Water Agency between January 1, 2013 and December 31, 2013. The Annual Report for the EMPS (London portion) is attached to this Summary Report as Appendix B.

Ministry of Environment Annual Inspection

MOE inspections can be in the form of comprehensive inspections, or focused inspections. The MOE reported that London's Water Distribution System was chosen for a focused inspection because:

"...inspection findings over the past three years were such that the number of violations were minimal or non-existent, there were few or no orders issued to you that were of significance in the maintenance of water potability and there were no deficiencies as defined in O. Reg. 172/03."

The MOE inspection included staff interviews and facility inspections, as well as a review of operating procedures, water analysis reports, operational records, and staff certification and training records. The inspection covered all components of London's water system, including the London portion of the Elgin-Middlesex Pumping Station, which is operated by the Ontario Clean Water Agency under contract to the City of London.

On November 27, 2013, the MOE issued the City of London Water Distribution System Inspection Report. The report summarizes all of the inspection findings, and lists any incidents of non-compliance with regulatory requirements.

Only one incident of non-compliance was identified, which the MOE reported as follows:

"During the physical inspection, it was noted that pencil was used to record information in the logbook at the Springbank Reservoirs."

The MOE requires that logbook entries be made using ink.

This incident occurred on September 11, 2013. An electrical storm had caused power

outages throughout London, and many electronic components of the water infrastructure were adversely impacted. City staff attended several locations that evening to resolve the problems. At the Springbank Reservoirs, staff worked from 9:30 pm to 11:30 pm to resolve issues related to damaged circuitry of a large electronic flow-meter. Before leaving the site, the Technologist realized that he had left his pen at the previous work location that evening. Rather than make no logbook entry, he proceeded to record a summary of his work activities in pencil.

This incident of non-compliance does not reflect a drinking water quality hazard, but is indicative of the highly regulated nature of municipal drinking water systems in Ontario. It also serves to illustrate the level of diligence and scrutiny employed by MOE Inspectors when reviewing water system operations.

The results of the annual MOE Inspections are used to generate *Ministry of the Environment Drinking Water System Inspection Rating Records*. Each year these rating records (or "report cards") for Ontario drinking water systems are compiled and made available to the public. The rating records were developed to encourage continuous improvement by drinking water system operators.

Despite the one incident of non-compliance, The City of London received a Final Inspection Rating of 100% for 2013.

A report on this MOE Inspection was made to the Civic Works Committee on December 9, 2013. For more information about this inspection or to review the report, it can be found at http://sire.london.ca/mtgviewer.aspx?meetid=602&doctype=AGENDA .

Water Operations Staff Complement and Training

In 2013, the distribution system was operated and maintained by four (4) Water Supply staff, thirty-one (31) Operations and Maintenance staff, three (3) Water Works inspectors, nine (9) Meter Shop staff, five (5) Supervisors, two (2) Technologists, two (2) Administrative staff, and four (4) Management staff. This complement does not include senior administrative staff that work in the Water Service Area. The majority of the City of London's operational and maintenance staff are based at the A.J. Tyler Operations Centre, located at 663 Bathurst Street. Water Supply staff are based out of the London Hydro building at 111 Horton Street.

All employees with Drinking Water Operator Certificates receive a minimum of 14 hours of Director-approved training and an additional 36 hours of practical, on-the-job training each year, as mandated by Regulation.

Water Budget

After 2 consecutive years of 0% increases, the 2013 Water Operating Budget had an effective overall increase of 8%. This represents an increase of $2.9 million over that of the 2012 budget. The total Water budget for 2013 was $62.6 million, which includes long term infrastructure renewal and replacement plans. Administration believed that the

operating budget had been reduced to a point where continued operating targets of 0% would begin to impact service levels.

ForThe 2014 Water Rates increased by 8%, and are projected to increase by 7% in 2015. These increases will enable the Water Service Area to reach financial sustainability in 2016, 2 years earlier than previously anticipated.

The Water Budget helps maintain *London's Advantage* of a safe, clean and secure water supply. The Water Service Area remains proactive in initiatives to ensure that this service continues to meet the demands and expectations of customers. Existing infrastructure requires significant renewal (replacement and rehabilitation) work to close the infrastructure gap ensuring future generations and businesses are not faced with a water system that is failing, unreliable, and expensive to maintain.

For more information regarding the 2013 Water Budget, please refer to the 2013 Water Service Area Business Plan. In addition, further information on the future direction of the Water Service Area is provided in the 2014 Business Plan and 2014 Budget Document.

Ongoing Initiatives & Undertakings

Drinking Water Quality Management System (DWQMS) Audit – Quality Management Systems (QMSs) can be defined as sets of interrelated elements (e.g. policies and procedures) that direct and control the way a facility operates with regard to quality. A QMS is a way of formally ensuring that an organization is consistently in control of the quality of the product or services that it supplies.

Following the Walkerton tragedy of May 2000, Justice Dennis O'Connor recommended that *"the MOE should initiate the development of a drinking water quality management standard for Ontario."* The Ministry of the Environment (MOE) led the development of a Drinking Water Quality Management Standard (DWQMS) which combined elements of existing ISO 9001 and HAACP standards. Through a new Municipal Drinking Water Licensing Program, the MOE mandated that municipal drinking water systems develop and implement Quality Management Systems that met the requirements of Ontario's DWQMS. Through external audits to ensure compliance, London's Water Operations and Water Engineering Divisions would then become the "accredited operating authority" for the London's water system.

In addition, Section 19 of the *Safe Drinking Water Act, 2012* imposes a statutory standard of care on the "owner of a municipal drinking water system, and every person who, on behalf of the municipality, oversees the accredited operating authority of the system or exercises decision making authority over the system". In recommending the Standard of Care provision, Justice O'Connor stated that "*the fact that a municipality has an accredited operating agency will do much to satisfy the standard of care.*"

In June, 2013, the first On-Site Verification Audit was completed for the Quality Management System of London's drinking water system. The auditor reported that London's *QMS "has been established and maintained according to the DWQMS standard and internal requirements as documented in the Operational Plan"* and that "*The result of the audit indicates that the Corporation of the City of London QMS was*

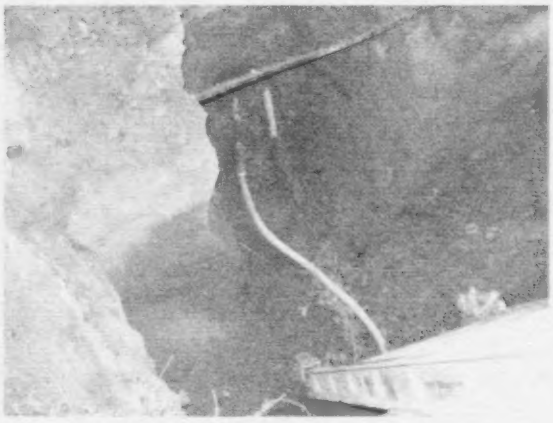
effectively implemented." In addition, five nonconformities were identified, which were subsequently addressed to the satisfaction of the auditor. This process identified the need to commit additional resources toward the maintenance of London's Drinking Water Quality Management System. This recommendation was included in, and subsequently approved by the Municipal Council as part of the 2014 Water Budget.

As a result of the audit, the City of London has been fully accredited as the operating authority for London's drinking water system under Ontario's Municipal Drinking Water Licensing Program.

Lead Mitigation Strategy – In 2006, the City of London implemented a program that allows Londoners to have lead concentrations in their tap water analyzed at no charge. Since that time, nearly 13,000 homes and businesses have had their water sampled for lead. There are approximately 112,000 water service pipes in London. Prior to 1953, lead was a commonly used material for water service pipes, and in 2007 it was estimated that 9,000 London water services were fully, or partially, composed of lead. The City of London's lead service replacement programs have reduced this number to just under 5,200 at the end of 2013.

The City of London developed a three-pronged strategy for lead mitigation:

1. *Education and Awareness*: In addition to free lead testing, the City of London continues to provide information to Londoners regarding lead service pipes and the risks associated with lead.
2. *Water Chemistry Changes*: In conjunction with the Lake Huron and Elgin Area Primary Water Supply Systems, the City of London has investigated and initiated water chemistry changes that have reduced the uptake of lead. Increasing the pH of the water has reduced "at the tap" lead concentrations by nearly 50% from 2007 levels.
3. *Replacement of Lead Service Pipes:* London's overall goal is the replacement of all lead services. This is an 18-year program the will see the majority of lead services replaced through the Capital Watermain Replacement Program. The remainder will occur through the Watermain Relining Programs and one-off replacements through the City's Lead Service Extension Replacement Program.



Water Reliability: Large Diameter Concrete Pressure Pipe Watermain Inspection Program - Concrete Pressure Pipe (CPP) is a composite pipe manufactured using a thin steel cylinder wrapped in high tension wires, and coated internally and externally with cement mortar.

Over time the protective mortar can break down, exposing the steel cylinder and the prestressed wires to corrosion. As the pre-stressed wires corrode, some may break. If enough wires break, the pipe section may fail.

Significant failures of the Lake Huron Pipeline occurred In August 1983, June 1988, March 2010, and May 2012 which threatened London's water supply. Fortunately the failures occurred outside of densely populated areas and were repaired by City crews in a timely fashion. There have never been any major failures of large concrete or concrete pressure pipes within the City of London; however, the age and construction practices for these watermains are similar to the Lake Huron Pipeline.

Within London, there are 160 km of large diameter concrete transmission mains moving millions of litres of water around the City. Some of these mains were constructed in the 1950's and 1960's and detailed inspection records outlining installation techniques and pipe integrity do not exist. The 19 km concrete watermain that connects the Arva Pumping Station with the Springbank Reservoirs is one of the most critical links in London's water system, and serves the majority of homes and businesses in London. In the summer and fall of 2007, three different inspections were undertaken on this pipe, as detailed below:

1. Leak Detection - provided a current condition of the pipe by determining if there are any leaks in the system.
2. Electromagnetic Inspection - provided a scientific analysis of the internal condition of the pre-stressed wires.
3. Visual Internal Inspection - determined if there is any breakdown in the internal concrete layer.

In addition, through a multi-year project, a fibre optic cable was installed inside nearly all of the 19 km from the Arva Pumping Station to the Springbank Reservoirs, providing the capability to continuously monitor the pre-stressed steel wires. The fibre optic cable registers an acoustic signature when a wire breaks, and immediate notification is sent to City staff. This real-time information received from the fibre will give staff the ability to react immediately, and prevent a potentially catastrophic pipe failure.

Water Efficiency: Computerized Maintenance Management System (CMMS) - The City's critical infrastructure continues to grow in magnitude and complexity. High expectations are placed on the gatekeepers of these complex systems. Accurate data management relating to assigned and completed work, full cost accounting, tangible capital asset reporting, strategic asset management planning and budget challenges are just a few elements that have added to the complexity of ownership and maintenance management. It is become evident that current practices are unsustainable and that the demands associated with infrastructure ownership must be managed through a formal work order system that enables staff to develop sound, strategic work plans, and to implement, record and store data effectively, efficiently and economically.

CMMS will help manage the ever-increasing complexities associated with being the custodian of the City's water infrastructure assets. In order to comply with stringent legislative requirements and to meet or exceed current service levels provided to the City's constituents, the CMMS will allow the Operating divisions to plan and schedule work, visualize locations of crews in real-time using Automated Vehicle Location (AVL)

technology, conduct analysis on asset performance and provide information on asset condition for financial and operations reporting.

Currently, the City is working with ESRI Canada to develop a full Scope of Work for the implementation of a GIS-centric CMMS. Once completed and approved, the proposed CMMS system will become the nucleus of the City's day-to-day water operations, enabling staff to deliver a strategic, timely, effective, efficient and economical service to its valued customers. Further, a computerized maintenance management system will have the capability of providing critical information to support the Corporate Asset Management program. Effectively managing the City's ever growing, complex infrastructure and meeting the associated legislative requirements and becoming eligible for future infrastructure funding programs are the primary drivers behind this project. The purchase of a CMMS will bring the City of London up to par with most of London's comparable municipalities in the application of this technology.

Benefits of a CMMS include:

- Improved citizen response:
  - All complaints and requests for service are recorded in real time.
  - Staff members receiving calls have access to complete information.
  - Work requirements for customer complaints/requests are tracked.
- Improve efficiency in the use of available resources:
  - CMMS provides a means of developing more strategic plans with consideration for time, labour, equipment and material requirements.
  - Outstanding work can be prioritized.
  - Original work schedules can be amended easily to accommodate unplanned events.
  - Duplication of work can be avoided.
- Improved focus for maintenance activities:
  - The ability to track maintenance requests, production, history, and specific information.
  - The ability to track problems through regular inspections, resulting in an efficient ratio of proactive to reactive work and determining the appropriate balance of risk.
  - Correlating completed work with asset type, specific structures, and geographical areas leads to optimization of maintenance programs for minor, major and rehabilitation projects.
- Improved response to government / legal and MFIPPA requests:
  - A CMMS can generate accurate information required to satisfy government/ legal information requests and MFIPPA requests.
- Improve information sharing with other departments and/or divisions:
  - Provide legislated Tangible Capital Asset (TCA) information regarding asset condition, increase life (betterment) or decreased life (write-down).
  - Feeding accurate information up to the Corporate level to support an overall Asset Management Plan and a State of the Infrastructure Report.

Emerging Trends in Water Treatment & Regulations

Water Treatment: The City of London purchases its treated drinking water from the Joint Boards of Management (Lake Huron and Elgin Area Primary Water Supply Systems). The Joint Boards of Management, through the Regional Water Supply

Division, stay abreast of emerging trends in water treatment and monitor upcoming Regulations. Current areas of interest include Microbiological (E. coli and Total Coliform), Disinfection By-Products (Trihalomethane (THM), Haloacetic Acids (HAA)), Lead and Copper, and Emerging Pathogens and Chemicals).

Currently, there are no water quality concerns requiring process modification at the Regional Water Supply treatment facilities. The area of emerging contaminants including pharmaceuticals and personal care products (PPCP's) and endocrine disruptors (EDC's) will be the focus of much research in the coming decades. At this time, there is no evidence to suggest that the Joint Board of Management should conduct further investigations into the implementation of advanced or enhanced treatment processes at either the Lake Huron or Elgin Area Treatment Plants.

For further information on emerging trends in water treatment and Regulations, please refer to the Lake Huron and Elgin Area Water Supply Systems Master Plans, which can be found at http://www.watersupply.london.ca/reports.html .

Standard of Care Provision in Ontario's Safe Drinking Water Act, 2002: On December 31, 2012, Section 19 of the *Safe Drinking Water Act, 2002* came into force. It imposed a statutory standard of care on the "owner of a municipal drinking water system, and every person who, on behalf of the municipality, oversees the accredited operating authority of the system or exercises decision-making authority over the system". This standard of care requires that such persons (a) exercise the level of care, diligence and skill in respect of a municipal drinking water system that a reasonably prudent person would be expected to exercise in a similar situation; and (b) act honestly, competently and with integrity, with a view to ensuring the protection and safety of the users of the municipal drinking water system.

Actions that can be taken to satisfy the standard of care requirement include: obtaining and following proper expert advice, and ensuring that the water system is operated by an accredited operating authority. As has been previously reported to Council, the City of London Water Operations and Water Engineering Divisions have been recognized as an accredited operating authority for the City of London Water System.

For more information regarding the Standard of Care provision, a full report was presented to Civic Works Committee on October 22, 2012.

Safeguarding and Sustaining Ontario's Water Act: We continue to work with the Ontario Ministries of Environment and Natural Resources in the development of Regulations under the Safeguarding and Sustaining Ontario's Water Act, which addresses the obligations of the Great Lakes & St. Lawrence River Basin Water Resources Agreement with eight US States and the Provinces of Ontario and Quebec. In particular, Regulations with respect to intra-basin transfers have the potential to significantly and negatively impact a large area of southwestern Ontario by potentially limiting the amount of water which can be supplied to London from the Lake Huron system at present and in the future, likely resulting in the expenditure of hundreds of millions of dollars to replace capacity that is currently available. Meetings with the Ministries appear to have been fruitful in that current policy discussions and drafting of Regulations may allow London and area municipalities the ability to continue to utilize existing infrastructure to its full permitted capacity.

Algal Blooms in the Great Lakes: Algal blooms usually occur in the late summer and early fall. A bloom is a large mass of algae that is formed as a result of a number of ecosystem changes. These changes are brought about by an elevated presence of

nutrients, invasive species such as quagga mussels, or light and temperature conditions that are favourable for the algae to multiply quickly.

There is more than one variety of algae. When alive they provide food for a variety of fish. When algae blooms die, some of the varieties release odorous chemicals into the water that can affect the taste and/or smell of our drinking water. Others, such as some types of blue-green algae (cyanobacteria), release toxins that can cause health issues for humans and animals. As such, algae blooms have the potential to negatively impact drinking water quality, recreational activities, tourism, commercial fisheries and lakeshore property values.

The Ministry of Environment has a protocol in place for responding to occurrences of blue-green algal blooms in Ontario lakes. MOE staff work closely with the local Medical Officers of Health to ensure that timely, appropriate action is taken. Local Medical Officers of Health address public health concerns with respect to blue-green algal blooms, and communicate with consumers and drinking water system owners within their area.

A survey conducted by ministry staff for cyanobacterial toxins at 18 drinking water facilities from 2004 to 2010, suggests that water treatment plants have been effective at removing or inactivating these toxins in drinking water.

The recurrence of algal blooms in certain areas of the Great Lakes, such as Lake Erie, has prompted discussions with the International Joint Commission, federal, state and other Provincial governments as well as non-government bodies to improve the ecological conditions of our Great Lakes.

OnWARN: Ontario Water/Wastewater Agency Response Network: This initiative, based upon the principle of "*Utilities helping Utilities*", has gained momentum throughout the water utility sector in Ontario, Canada and the United States, as a means of providing voluntary mutual-aid to similar utilities within a region. The OnWARN program establishes a legal framework whereby any subscribing utility can call upon the assistance of other subscribing utilities, with the response being provided within the context of a blanket "mutual aid" type of agreement. The blanket agreement covers all aspects of legal liability, availability of response and the provision of services, and health and safety requirements, to name a few.

Participation in the OnWARN program does not specifically require a subscribing municipality to respond to any and all calls for assistance, nor does it obligate a subscribing municipality to call upon all subscribers for assistance in the event of an emergency. It also does not require a municipality to formally declare a state of emergency, only that the water or wastewater related circumstance is beyond the capabilities of the municipality.

Recognizing the significant benefit of joining OnWARN and improving emergency preparedness for the City's water and wastewater services, the City of London received its membership certificate on September 11, 2013. More information can be found from the February 25, 2013 Civic Works Committee Report (Item #14).

Sampling & Water Quality Monitoring

During 2013, staff conducted water sampling from the distribution system which exceeded the MOE's minimum requirements. Staff take monthly samples from 57

standard locations across the City, testing for microbiological indicators and chlorine residuals. In addition, analysis is performed for up to 121 parameters, including organics, inorganics, pesticides and metals at 13 standard locations around the City. 8,205 routine grab samples were taken from the distribution system, 795 samples taken from the stand-by wells, as well as over 2,750 chlorine residual tests conducted by London staff. London also has 10 locations throughout the City where continuous in-line sampling of chlorine residual is monitored. Staff also perform approximately 4,000 chlorine tests (on the Distribution System and for Construction Projects and Bacteriological sampling upon repairs undertaken) each year that are not included in the above numbers. All of these efforts help ensure that the water within the distribution system is always of high quality.

Below is the historical range (since 2000) of sample results for London's drinking water.

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
		2013		2013		
REGULATED INORGANICS						
Antimony	6	0.02	µg/L	0.100 - 0.200	No	0.020 - 1.200
Arsenic	25	0.2	µg/L	0.500 - 0.700	No	0.001 - 2.000
Barium	1000	0.05	µg/L	14.000 - 25.000	No	0.015 - 25.000
Boron	5000	1	µg/L	13.000 - 20.000	No	0.020 - 40.000
Cadmium	5	0.003	µg/L	0.020 - 0.020	No	0.002 - 0.100
Chromium	50	0.5	µg/L	2.000 - 2.000	No	0.004 - 3.000
Fluoride	1.5	0.06	mg/L	0.070 - 0.800	No	0.030 - 1.390
Free Chlorine Residual	--	--	mg/L	0.080 - 1.990	No	0.000 - 2.200
Lead	10	0.02	µg/L	N/A - N/A	N/A	0.002 - 1.070
Mercury	1	0.02	µg/L	0.020 - 0.020	No	0.000 - 0.100
Selenium	10	1	µg/L	1.000 - 1.000	No	0.005 - 3.000
Sodium[3]	20	0.01	mg/L	10.700 - 20.300	Yes	1.000 - 20.300
Uranium	20	0.001	µg/L	0.050 - 0.050	No	0.001 - 9.700

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2013	Units	Measured Concentrations 2013	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
REGULATED ORGANICS						
Alachlor	5	0.020	µg/L	0.300 <MDL	No	0.002 - 0.300
Aldicarb	9	0.010	µg/L	3.000 <MDL	No	0.005 - 5.000
Aldrin + Dieldrin	0.7	0.010	µg/L	0.020 <MDL	No	0.000 - 0.067
(Aldrin)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.060
(Dieldrin)	--	0.010	µg/L	N/A - N/A	N/A	0.001 - 0.067
Atrazine	--	0.020	µg/L	N/A - N/A	N/A	0.020 - 0.130
Atrazine + N-dealkylated metabolites	5	0.040	µg/L	0.500 <MDL	No	0.003 - 0.500
Azinphos-methyl	20	0.020	µg/L	1.000 <MDL	No	0.010 - 1.000
Bendiocarb	40	0.010	µg/L	3.000 <MDL	No	0.010 - 3.000
Benzene	5	0.32	µg/L	0.500 <MDL	No	0.005 - 0.500
Benzo(a)pyrene	0.01	0.004	µg/L	0.005 <MDL	No	0.000 - 0.009
Bromoxynil	5	0.300	µg/L	0.300 <MDL	No	0.003 - 0.330
Carbaryl	90	0.010	µg/L	3.000 <MDL	No	0.010 - 3.000
Carbofuran	90	0.010	µg/L	1.000 <MDL	No	0.005 - 5.000
Carbon tetrachloride	5	0.16	µg/L	0.200 <MDL	No	0.005 - 0.410
Chlordane (Total)	7	0.010	µg/L	0.040 <MDL	No	0.000 - 0.200
(a-chlordane)	--	0.010	µg/L	N/A - N/A	N/A	0.007 - 0.200
(g-chlordane)	--	0.010	µg/L	N/A - N/A	N/A	0.007 - 0.200
(oxychlordane)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.360
Chlorpyrifos	90	0.020	µg/L	0.500 <MDL	No	0.008 - 5.000
Cyanazine	10	0.030	µg/L	0.500 <MDL	No	0.008 - 0.500
Diazinon	20	0.020	µg/L	1.000 <MDL	No	0.002 - 2.000
Dicamba	120	0.20	µg/L	5.000 <MDL	No	0.050 - 10.000
1,2-Dichlorobenzene	200	0.100	µg/L	0.100 <MDL	No	0.003 - 1.000
1,4-Dichlorobenzene	5	0.200	µg/L	0.200 <MDL	No	0.001 - 0.400
DDT + Metabolites	30	0.010	µg/L	0.010 <MDL	No	0.005 - 0.500
(op-DDT)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.500
(pp-DDD)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.500
(pp-DDE)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.500
(pp-DDT)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.500
1,2-Dichloroethane	5	0.100	µg/L	0.100 <MDL	No	0.005 - 0.430
1,1-Dichloroethylene	14	0.100	µg/L	0.100 <MDL	No	0.005 - 0.520
Dichloromethane	50	0.300	µg/L	0.300 <MDL	No	0.005 - 3.000
2,4-dichlorophenol	900	0.100	µg/L	0.100 <MDL	No	0.000 - 0.150
2,4-D	100	0.19	µg/L	5.000 <MDL	No	0.044 - 5.000
Diclofop-methyl	9	0.40	µg/L	0.500 <MDL	No	0.005 - 0.840
Dimethoate	20	0.030	µg/L	1.000 <MDL	No	0.005 - 1.000
Dinoseb	10	0.36	µg/L	0.500 <MDL	No	0.005 - 0.500
Diquat	70	1	µg/L	5.000 <MDL	No	1.000 - 70.000
Diuron	150	0.030	µg/L	5.000 <MDL	No	0.030 - 5.000
Glyphosate	280	6	µg/L	25.000 <MDL	No	0.010 - 25.000
Heptachlor + Heptachlor Epoxide	3	0.010	µg/L	0.100 <MDL	No	0.001 - 0.300
(heptachlor)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.300
(heptachlor epoxide)	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.300
Lindane (Total)	4	0.010	µg/L	0.100 <MDL	No	0.002 - 0.200
Malathion	190	0.020	µg/L	5.000 <MDL	No	0.020 - 5.000
Methoxychlor	900	0.010	µg/L	0.100 <MDL	No	0.010 - 5.000
Metolachlor	50	0.020	µg/L	3.000 <MDL	No	0.008 - 5.000
Metribuzin	80	0.020	µg/L	3.000 <MDL	No	0.020 - 5.000
Monochlorobenzene	80	0.200	µg/L	0.200 <MDL	No	0.005 - 5.000
Paraquat	10	1	µg/L	1.000 <MDL	No	0.010 - 9.000
Parathion	50	0.020	µg/L	3.000 <MDL	No	0.020 - 3.000
Pentachlorophenol	60	0.100	µg/L	0.100 <MDL	No	0.001 - 1.000

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
		2013		2013		
REGULATED ORGANICS CONTINUED						
Phorate	2	0.010	µg/L	0.300 <MDL	No	0.001 - 0.730
Picloram	190	0.25	µg/L	5.000 <MDL	No	0.043 - 5.000
Polychlorinated Biphenyls (PCBs)	3	0.04	µg/L	0.050 <MDL	No	0.001 - 0.100
Prometryne	1	0.030	µg/L	0.100 <MDL	No	0.001 - 0.230
Simazine	10	0.010	µg/L	0.500 <MDL	No	0.005 - 0.500
Temephos	280	0.010	µg/L	10.000 <MDL	No	0.010 - 15.000
Terbufos	1	0.010	µg/L	0.300 <MDL	No	0.001 - 0.730
Tetrachloroethylene	30	0.200	µg/L	0.200 <MDL	No	0.005 - 1.000
2,3,4,6-tetrachlorophenol	100	0.100	µg/L	0.100 <MDL	No	0.001 - 0.500
Triallate	230	0.10	µg/L	10.000 <MDL	No	0.010 - 10.000
Trichloroethylene	50	0.100	µg/L	0.100 <MDL	No	0.005 - 1.000
2,4,6-trichlorophenol	5	0.100	µg/L	0.100 <MDL	No	0.001 - 0.890
2,4,5-T	280	0.22	µg/L	10.000 <MDL	No	0.005 - 10.000
Trifluralin	45	0.020	µg/L	0.500 <MDL	No	0.020 - 1.000
Vinyl Chloride	2	0.17	µg/L	0.200 <MDL	No	0.002 - 0.200

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
		2013		2013		
NITRATES						
Nitrate (as nitrogen)	10	0.013	mg/L	0.190 - 0.800	No	0.005 - 1.700
Nitrate + Nitrite (as nitrogen)	10	0.013	mg/L	0.190 - 0.000	No	0.005 - 1.700
Nitrite (as nitrogen)	1	0.005	mg/L	0.050 - 0.100	No	0.005 - 0.129

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
		2013		2013		
TRIHALOMETHANES						
Trihalomethanes (total)	100	0.37	µg/L	13.400 - 37.100	No	0.010 - 57.000
Bromoform	--	0.100	µg/L	0.100 - 0.400	No	0.002 - 2.000
Chloroform	--	0.29	µg/L	8.100 - 23.200	No	0.002 - 39.000
Dibromochloromethane	--	0.37	µg/L	1.100 - 4.400	No	0.002 - 5.400
Bromodichloromethane	--	0.26	µg/L	4.200 - 10.100	No	0.002 - 12.000

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL)	Units	Measured Concentrations	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
		2013		2013		
MICROBIOLOGICAL						
E. Coli	0	0	CFU/100mL	0 - 0	No	0 - 1
Total Coliform	0	0	CFU/100mL	0 - 9	Yes	0 - 41
Heterotrophic Plate Count	--	10	cfu/1mL	10 - 2000	No	10 - 2000

Parameter	ODWS[1] Maximum Acceptable Concentration (MAC)	Lab's Method Detection Limit (MDL) 2013	Units	Measured Concentrations 2013	MAC Exceedence in 2013 (Y/N)	Historical Measured Concentration Range[2]
NON-REGULATED INORGANICS/ORGANICS[4]						
Alkalinity	--	2	mg/L as CaCO3	78.0 - 103.0	No	61.0 - 103.0
Aluminum	--	0.040	µg/L	0.040 - 0.070	No	0.030 - 436.0
Ammonia+Ammonium (N)	--	0.010	mg/L	0.010 - 0.010	No	0.010 - 0.400
Calcium	--	0.03	mg/L	25.600 - 33.700	No	25.600 - 38.000
Chloride	--	0.03	mg/L	8.300 - 16.800	No	7.200 - 36.100
Cobalt	--	0.002	µg/L	0.005 - 0.005	No	0.004 - 0.300
Colour	--	3	TCU	N/A - N/A	N/A	3.000 - 13.000
Conductivity	--	1	uS/cm	251.0 - 341.0	No	205.0 - 341.0
Copper	--	0.5	µg/L	N/A - N/A	N/A	0.002 - 64.000
Cyanide	0.2	0.002	mg/L	0.005 - 0.005	No	0.002 - 0.010
De-ethylated atrazine	--	0.010	µg/L	N/A - N/A	N/A	0.010 - 0.140
Dissolved Organic Carbon	--	0.2	mg/L	1.600 - 2.300	No	0.400 - 2.300
Ethylbenzene	--	0.33	µg/L	0.500 - 0.500	No	0.002 - 1.000
Field pH	--	--	units	N/A - N/A	N/A	6.660 - 8.600
Gross Alpha	--	0.100	Bq/l	N/A - N/A	N/A	0.100 - 0.100
Gross Beta	--	0.100	Bq/l	N/A - N/A	N/A	0.100 - 0.100
Hardness	--	0.1	mg/L as CaCO3	95 - 119.0	No	95.000 - 133.0
Iron	--	0.005	µg/L	0.005 - 0.005	No	0.005 - 90.000
Langolier's Index	--	0.000	@ 20 C	-0.152 - 0.086	No	-1.070 - -0.130
m/ p-xylene	--	0.39	µg/L	1.000 - 1.000	No	0.390 - 5.000
Magnesium	--	0.003	mg/L	7.640 - 8.570	No	7.150 - 9.400
Manganese	--	0.001	µg/L	0.001 - 0.001	No	0.001 - 168.0
Nickel	--	0.010	µg/L	0.010 - 0.010	No	0.01 - 1.4
Nitrogen-Kjeldahl (N)	--	0.05	mg/L	0.050 - 0.050	No	0.050 - 0.500
Organic Nitrogen	--	0.05	mg/L	0.050 - 0.050	No	0.040 - 0.340
o-xylene	--	0.17	µg/L	0.500 - 0.500	No	0.170 - 5.000
pH	--	0.05	no unit	7.930 - 7.960	No	7.050 - 8.110
Potassium	--	0.01	mg/L	0.800 - 1.300	No	0.800 - 1.910
Silica	--	0.01	mg/L	0.730 - 1.660	No	0.590 - 2.1
Silver	--	0.00002	µg/L	0.000 - 0.000	No	0.000 - 0.100
Solids (Total Dissolved)	--	30	mg/L	131.0 - 180.0	No	1.460 - 208.0
Sulphate	--	0.06	mg/L	29.000 - 37.000	No	27.000 - 55.000
Sulphide	--	0.004	mg/L	0.010 - 0.010	No	0.004 - 4.000
Surr 1,2-Dichloroethane-d4	--	--	mg/L	N/A - N/A	N/A	104.00 - 105.00
Surr 4-Bromofluorobenzene	--	--	Surr Rec %	N/A - N/A	N/A	97.000 - 99.000
Surr Decachlorobiphenyl	--	--	%	N/A - N/A	N/A	94.000 - 95.000
Toluene	--	0.36	µg/L	0.500 - 0.500	No	0.005 - 1.000
Total Chlorine	--	0.550	mg/L	N/A - N/A	N/A	0.520 - 1.800
Total Phosphorus	--	0.010	mg/L	0.010 - 0.010	No	0.010 - 0.070
Toxaphene	--	5.000	µg/L	N/A - N/A	N/A	0.010 - 5.000
2,4,5-TP (Silvex)	--	0.130	µg/L	N/A - N/A	N/A	0.010 - 5.000
Tritium	7000	15.0	Bq/l	N/A - N/A	N/A	15 - 15
Turbidity	1	0.13	NTU	0.300 - 0.300	No	0.030 - 0.500
Xylene; total	--	0.39	µg/L	1.100 - 1.100	No	0.005 - 5.000
Zinc	--	1	µg/L	0.005 - 0.005	No	0.005 - 100.0

[1]ODWS - Ontario Drinking Water Standards

[2]Historical range goes back to 2000

[3]Sodium is regulated to be tested every 60 months

[4]The City of London consistently goes beyond the minimum testing requirements of the ODWS and samples these parameters as well

There were eight (8) adverse microbiological results out of 2,735 samples taken; all due to unacceptable levels of Total Coliform bacteria (ranging from 1 to 9 cfu/100 mL). In each case, standard response procedures were enacted. All sites were re-sampled immediately, and the re-sample results revealed no adverse indicators.

It is highly unlikely that there were 'actual' water quality issues at these sites, as the eight adverse samples were identified as having free chlorine residuals which were well above the minimum acceptable level at the time of the sampling (ranging between 0.26 to 1.13 mg/L). Coliform bacteria cannot survive in chlorinated water; therefore, it is suspected that post-sampling contamination occurred. The re-sampling results support this conclusion. The microbiological testing procedure is extremely sensitive. Accidental sample contamination can occur through operator or laboratory error, despite the specific procedures and precautions adhered to.

There was one (1) incident of an inorganic adverse. Sodium levels entering the London Water Distribution System from the Elgin Area Primary Water Supply System were elevated. Our sampling indicated a level of 20.3 mg/L. Although there is no actual Maximum Acceptable Level for sodium concentration in drinking water (there is an Aesthetic Objective Level, which is to target less than 200 mg/L) there is a threshold for sodium at which the local Health Unit must be notified. This mandatory reporting limit is 20 mg/L, and if it is exceeded, an adverse water quality indicator is triggered. This occurred on June 25, 2013 and notices were published on August 8, 2013.

System Statistics and Major Events

During the period from January 1, 2013 through to December 31, 2013 a total of 45,888,044,000 litres of water were purchased from the Joint Water Boards and subsequently pumped into London via the Arva Pumping Station and EMPS. Average day demand was 125,720,670 litres. Peak day pumpage of 165,464,000 litres occurred on July 18, 2013.

A summary of system pumpage can be found in Appendix 'C'. The data includes monthly average and maximum daily flows. These values are also compared to the rated flow rate capacities identified in London's Municipal Drinking Water Licence. There were no occurrences of flow rate exceedance during the specified time period.

Listed below are some 2013 statistics for the City of London Distribution System.

Approximate Replacement Value of Drinking Water System	**$2,600,000,000**
Number of Pumping Stations	**7**
Number of Fire Hydrants	**8,799**
Number of Watermain Valves	**12,647**
Total Number of Water Services	**113,627**
ICI Water Services	9,667
Residential Water Services	103,960
Length of Watermain	**1,560 km**
Length of New Watermain Installed	3.6 km
Length of Watermain Replaced	4.2 km
Length of Watermain Rehabilitated	8.5 km
Number of Watermain Breaks	**148**

Municipalities Receiving London Water

In the Municipality of Middlesex Centre, Arva Village, Ballymote, and Delaware continued to receive their drinking water under contract from the City of London during 2013. The Municipality of Middlesex Centre has been provided a copy of the Annual Report as per O. Reg 170/03.

Several residences within Central Elgin also continued to receive drinking water from the transmission watermain that supplies the City of London from the EMPS. For this reason, Central Elgin has also been provided a copy of the report.

Appendix 'A'
2013 Annual Report
(London)

Drinking-Water System Number:	260004917
Municipal Drinking-Water Licence:	006-101
Drinking-Water System Name:	London Water Supply
Drinking-Water System Owner:	The Corporation of the City of London
Drinking-Water System Category:	Large Municipal Residential System
Period being reported:	January 1, 2013 to December 31, 2013

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [✓] No [ ]

Is your annual report available to the public at no charge on a web site on the Internet? Yes [✓] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

City of London – City Hall
Customer Service Division – 8th Floor
(Public Service Information Area)
300 Dufferin Avenue, London, ON

Complete for all other Categories.

Number of Designated Facilities served:
N/A

Did you provide a copy of your annual report to all Designated Facilities you serve?
Yes [ ] No [ ]

Number of Interested Authorities you report to:
N/A

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?
Yes [ ] No [ ]

Note: For the following tables below, additional rows or columns may be added or an appendix may be attached to the report

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Drinking Water System Name	Drinking Water System Number
Middlesex Centre Distribution System	260004202
Includes: Arva Waterworks	260004202
Ballymote Waterworks	260004202
Delaware Distribution System	260063323

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?
Yes [✓] No [ ]

Indicate how you notified system users that your annual report is available, and is free of charge.

[✓] Public access/notice via the web
[✓] Public access/notice via Government Office
[ ] Public access/notice via a newspaper
[ ] Public access/notice via Public Request
[ ] Public access/notice via a Public Library
[✓] Public access/notice via other method _EnviroWorks Pamphlet__

Describe your Drinking-Water System

There are two water supplies in the City of London: primary sources of surface water and emergency back-up sources of well water in stand-by mode.

1. Primary Treated Water Sources (surface water)
   - Lake Huron Primary Water Supply System (LHPWSS)
   - Elgin Area Primary Water Supply System (EAPWSS)

2. Stand-by Emergency Wells
   - Fanshawe Well Field (6 Wells) – GUDI with in-situ filtration
   - Hyde Park Well – Not GUDI

During 2013 the London-Elgin-Middlesex Booster Station was operated by a designated Operating Authority that being, Ontario Clean Water Agency. The annual report for the London-Elgin-Middlesex Booster Station was not available at the time this report was created and therefore, it will be provided under separate cover.

List all water treatment chemicals used over this reporting period

- Liquid Chlorine
- Sodium Hypochlorite
- Fluorosilicic Acid (hydrofluorosilicic acid)

Were any significant expenses incurred to?

[✓] Install required equipment
[ ] Repair required equipment
[✓] Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

Installing acoustic monitoring fibre optic cable into the major Trunk Transmission Main from Arva Pumping Station through to the Springbank Reservoir. This project has spanned several years and was completed in 2013.

Southeast Reservoir and Pumping Station continues construction. Project funding is a joint effort between Federal, Provincial, and Municipal governments and is part of the larger H.E.L.P. Clean Water initiative.

Provide details on the notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre.

Bacteriological Adverse

				Parameters			
Adverse Incident Date	Corrective Action	Corrective Action Date	Adverse Water Quality Indicator # (AWQI #)	E.Coli (cfu/100ml)	Total Coliform (cfu/100ml)	HPC / Background (cfu/1ml)	Free Cl2 (mg/L)
2013-01-14 [1]			109759	0	6	0	1.13
	Resample	15/Jan/13		0	0	20	1.00
2013-06-27 [2]			112023	0	9	27	0.81
	Resample	29/Jun/13		0	0	0	0.60
2013-07-16 [3]			112556	0	1	0	0.52
	Resample	17/Jul/13		0	0	0	0.56
2013-08-14 [4]			113451	0	2	0	0.26
	Resample	16/Aug/13		0	0	0	0.30
2013-08-19 [5]			113524	0	2	37	0.62
	Resample	21/Aug/13		0	0	2	0.78
2013-08-21 [6]			113567	0	1	0	0.55
	Resample	22/Aug/13		0	0	0	0.80
2013-09-09 [7]			114218	0	5	18	0.46
	Resample	21/Sep/13		0	0	0	0.75
2013-12-16 [8]			115735	0	2	0	0.78
	Resample	18/Dec/13		0	0	0	1.00

Inorganic Adverse

				Parameter
Adverse Incident Date	Time	Corrective Action Date	Adverse Water Quality Indicator # (AWQI #)	Sodium (mg/L)
2013-06-25 [9]			112048	20.3
	Resample	3/Jul/13		20.2

Notes:

[1]Fire hydrant at the northeast corner of York and William: Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 1.13 mg/L for the original sample is indicative of a false positive.

[2]100 Kellogg Lane (4" Service Hose Bib): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.81 mg/L for the original sample is indicative of a false positive.

[3]101 Alaunia (Fire Hydrant): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.52 mg/L for the original sample is indicative of a false positive.

[4]760 Hyde Park Road (Fire Hydrant): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.26 mg/L for the original sample is indicative of a false positive.

[5]530 Ridout Street North (Fire Hydrant): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.62 mg/L for the original sample is indicative of a false positive.

[6]Southeast corner of Ridout Street North & Albert Street (Fire Hydrant): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.55 mg/L for the original sample is indicative of a false positive.

[7]131 Woodward Avenue (Fire Hydrant): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.46 mg/L for the original sample is indicative of a false positive.

[8]50 Wychwood Park (Orchard Park PS – Citywide Sampling Site): Adverse Result: Total Coliform > 0
Corrective Action: The original site was immediately re-sampled. There were no indicators of adverse water quality in any or the re-sample results. Free chlorine concentration of 0.78 mg/L for the original sample is indicative of a false positive.

[9]2003 Dingman Drive (Sampling Chamber): Adverse Result: Sodium > 20 ug/L
Corrective Action: The original site was immediately re-sampled (the result was a sodium level of 20.2 mg/L) and a media release was issued indicating the sodium levels in some parts of the city could be above 20 mg/L.

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	# of E. Coli Samples Taken	Range of E. Coli (cfu/100mL)	# of Total Coliform Samples Taken	Range of Coliform (cfu/100mL)	# of HPC / Background Samples	Range of HPC (cfu/1mL)
Raw	10	0 - 0	10	0 - 0	10	<10 - 60
Treated	N/A	N/A	N/A	N/A	N/A	N/A
Distribution	2735	0 - 0	2735	0 - 9	2735	0 - 2000

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

	# of Grab Samples	Continuous Monitoring	Range of Results
Turbidity			
Distribution	2	N/A	0.3 - 0.3 NTU
Raw	7	N/A	0.3 - 1.1 NTU
Lead	10	N/A	0.06 - 0.57 ug/L
Field pH	12	N/A	7.93 - 8.2
Alkalinity	22	N/A	75.9 - 103 mg/L as $CaCO_3$
Sodium	51	N/A	10.7 - 24.5 mg/L
Chlorine	2753	87600	0.11 - 2.2 mg/L
Fluoride	110	8760	0.07 - .80 mg/L

NOTE: For continuous monitors use 8760 as the number of samples.

As outlined below, sampling was carried out in accordance with the requirements listed in the City of London's 2010 Drinking Water Licence for inorganic and organic parameters at the following sites: Fanshawe Wells (No. 1 through No. 6) and Hyde Park Well.

SITE: Hyde Park Well - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.3	ug/L	N
December 17, 2010	Barium	26/Jun/13	112	ug/L	N
December 17, 2010	Boron	26/Jun/13	33	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.06	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.3	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	2.3	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	1.9	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	1.9	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	2.21	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	2.3	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	1.9	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	1.9	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	2.21	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium	26/Jun/13	53.8	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.62	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.04 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.05 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.1 <MDL	ug/L	N

December 17, 2010	Simazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Temephos	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.2 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	285	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.04	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Calcium	26/Jun/13	91.7	mg/L	N
December 17, 2010	Chloride	26/Jun/13	85.7	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	885	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.019	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	2.6	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Hardness	26/Jun/13	323	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.01	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	1.01	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	22.9	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0 <MDL	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.2	mg/L	N
December 17, 2010	pH	26/Jun/13	8.05	mg/L	N
December 17, 2010	Potassium	26/Jun/13	1.6	mg/L	N
December 17, 2010	Silica	26/Jun/13	12.9	mg/L	N
December 17, 2010	Silver	26/Jun/13	0 <MDL	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	47	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	483	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.2	mg/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	0.3	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.1 <MDL	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.021	mg/L	N

SITE: Fanshawe Well #1 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.5	ug/L	N
December 17, 2010	Barium	26/Jun/13	40	ug/L	N
December 17, 2010	Boron	26/Jun/13	77	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.02	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.2	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	1	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	1	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	1	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.88	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	1	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	1	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	1	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.88	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium*	26/Jun/13	24.8	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.55	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.020 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.040 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.010 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.300	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25.0 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.050 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Simazine	26/Jun/13	0.500 <MDL	ug/L	N

December 17, 2010	Temephos	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.200 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	294	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.04	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.01	mg/L	N
December 17, 2010	Azoxystrobin	26/Jun/13	0.02	ug/L	N
December 17, 2010	Calcium	26/Jun/13	107	mg/L	N
December 17, 2010	Chloride	26/Jun/13	48.4	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.005	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	792	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.003	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.005	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	3.4	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Fludioxonil	26/Jun/13	0.01	ug/L	N
December 17, 2010	Hardness	26/Jun/13	358	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.022	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	0.834	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	22	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0.001	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.01	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.26	mg/L	N
December 17, 2010	pH	26/Jun/13	7.8	mg/L	N
December 17, 2010	Potassium	26/Jun/13	1.8	mg/L	N
December 17, 2010	Silica	26/Jun/13	8.33	mg/L	N
December 17, 2010	Silver	26/Jun/13	0.00002	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	54	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.01	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	439	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.26	mg/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.01	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	0.7	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.1	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.005	mg/L	N

SITE: Fanshawe Well #2 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.4	ug/L	N
December 17, 2010	Barium	26/Jun/13	38	ug/L	N
December 17, 2010	Boron	26/Jun/13	39	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.02	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.2	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	0.2	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	0.5	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	0.3	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.11	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	0.2	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	0.5	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	0.3	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.11	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium*	26/Jun/13	26.6	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.59	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.020 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.040 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.010 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.300	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25.0 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.050 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.100 <MDL	ug/L	N

December 17, 2010	Simazine	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Temephos	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.200 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	273	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.03	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.01	mg/L	N
December 17, 2010	Azoxystrobin	26/Jun/13	0.02	ug/L	N
December 17, 2010	Calcium	26/Jun/13	96.3	mg/L	N
December 17, 2010	Chloride	26/Jun/13	64.8	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.005	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	762	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.002	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.005	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	3.3	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Fludioxonil	26/Jun/13	0.01	ug/L	N
December 17, 2010	Hardness	26/Jun/13	324	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.03	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	0.797	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	20.2	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0.087	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.01	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.1	mg/L	N
December 17, 2010	pH	26/Jun/13	7.84	mg/L	N
December 17, 2010	Potassium	26/Jun/13	2.2	mg/L	N
December 17, 2010	Silica	26/Jun/13	7.39	mg/L	N
December 17, 2010	Silver	26/Jun/13	0.00002	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	26	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.01	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	402	mg/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.1	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.01	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	0.5	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.1	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.005	mg/L	N

SITE: Fanshawe Well #3 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.3	ug/L	N
December 17, 2010	Barium	26/Jun/13	41	ug/L	N
December 17, 2010	Boron	26/Jun/13	33	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.02	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.2	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	0.100	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	0.100	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.050 <RDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	0.100	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	0.100	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.070 <RDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.050 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium*	26/Jun/13	19.1	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.64	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.04 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.05 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.1 <MDL	ug/L	N

December 17, 2010	Simazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Temephos	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.2 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	311	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.04	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.01	mg/L	N
December 17, 2010	Azoxystrobin	26/Jun/13	0.02	ug/L	N
December 17, 2010	Calcium	26/Jun/13	98.9	mg/L	N
December 17, 2010	Chloride	26/Jun/13	36	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.005	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	724	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.003	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.005	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	4.3	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Fludioxonil	26/Jun/13	0.01	ug/L	N
December 17, 2010	Hardness	26/Jun/13	334	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.082	mg/L	N
December 17, 2011	Iron	26/Jun/13	0.082	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	0.816	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	21.1	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0.335	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.01	mg/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.27	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.27	mg/L	N
December 17, 2010	pH	26/Jun/13	7.78	mg/L	N
December 17, 2010	Potassium	26/Jun/13	2.2	mg/L	N
December 17, 2010	Silica	26/Jun/13	8.8	mg/L	N
December 17, 2010	Silver	26/Jun/13	0.00002	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	384	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	19	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.01	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.01	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	0.8	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.1	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.005	mg/L	N

SITE: Fanshawe Well #4 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.2	ug/L	N
December 17, 2010	Barium	26/Jun/13	32	ug/L	N
December 17, 2010	Boron	26/Jun/13	18	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.02	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.2	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	0.3	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	0.3	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	0.2	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.15	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	0.3	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	0.3	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	0.2	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.15	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium*	26/Jun/13	16	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.9	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.04 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.05 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Simazine	26/Jun/13	0.5 <MDL	ug/L	N

December 17, 2010	Temephos	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.2 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	286	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.03	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.01	mg/L	N
December 17, 2010	Azoxystrobin	26/Jun/13	0.02	ug/L	N
December 17, 2010	Calcium	26/Jun/13	87.8	mg/L	N
December 17, 2010	Chloride	26/Jun/13	22.3	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.005	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	636	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.002	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.005	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	3.5	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Fludioxonil	26/Jun/13	0.01	ug/L	N
December 17, 2010	Hardness	26/Jun/13	294	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.067	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	0.808	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	18.2	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0.153	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.01	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.16	mg/L	N
December 17, 2010	pH	26/Jun/13	7.86	mg/L	N
December 17, 2010	Potassium	26/Jun/13	1.7	mg/L	N
December 17, 2010	Silica	26/Jun/13	7.63	mg/L	N
December 17, 2010	Silver	26/Jun/13	0.00002	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	17	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.01	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	337	mg/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.16	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.01	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	1.1	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.1	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.005	mg/L	N

SITE: Fanshawe Well #5 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.4	ug/L	N
December 17, 2010	Barium	26/Jun/13	49	ug/L	N
December 17, 2010	Boron	26/Jun/13	87	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.020 <MDL	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.2	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	1.9	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	2	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	1.5	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	1.22	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	1.9	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	2	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	1.5	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	1.22	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium*	26/Jun/13	69.3	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.61	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.04 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.05 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.1 <MDL	ug/L	N

December 17, 2010	Simazine	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Temephos	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.2 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	335	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.06	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.01	mg/L	N
December 17, 2010	Calcium	26/Jun/13	123	mg/L	N
December 17, 2010	Chloride	26/Jun/13	128	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.005	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	1110	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.003	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.005	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	3.9	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Hardness	26/Jun/13	401	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.018	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	0.922	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	23.1	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0.001	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.01	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.23	mg/L	N
December 17, 2010	pH	26/Jun/13	7.78	mg/L	N
December 17, 2010	Potassium	26/Jun/13	2.1	mg/L	N
December 17, 2010	Silica	26/Jun/13	8.68	mg/L	N
December 17, 2010	Silver	26/Jun/13	0.00002	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	54	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.01	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	609	mg/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.23	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.01	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	0.5	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.1	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.5	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.005	mg/L	N

SITE: Fanshawe Well #6 - Raw

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	26/Jun/13	0.100	ug/L	N
December 17, 2010	Arsenic	26/Jun/13	0.200	ug/L	N
December 17, 2010	Barium	26/Jun/13	24.000	ug/L	N
December 17, 2010	Boron	26/Jun/13	12.000	ug/L	N
December 17, 2010	Cadmium	26/Jun/13	0.020	ug/L	N
December 17, 2010	Chromium	26/Jun/13	2.000 <MDL	ug/L	N
December 17, 2010	Fluoride	26/Jun/13	0.200	mg/L	N
December 17, 2010	Mercury	26/Jun/13	0.020 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	0.300	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	26/Jun/13	0.400	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.050 <RDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	0.300	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	26/Jun/13	0.400	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.070 <RDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	26/Jun/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.100 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.050 <RDL	mg/L	N
December 17, 2010	Selenium	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Sodium*	26/Jun/13	7.600	mg/L	N
December 17, 2010	Uranium	26/Jun/13	0.420	ug/L	N

b) ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Aldicarb	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	26/Jun/13	0.020 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Bendiocarb	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Benzene	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	26/Jun/13	0.005 <MDL	ug/L	N
December 17, 2010	Bromoxynil	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Carbaryl	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Carbofuran	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	26/Jun/13	0.040 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Cyanazine	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Diazinon	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Dicamba	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	26/Jun/13	0.010 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Dichloromethane	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Dimethoate	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Dinoseb	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Diquat	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Diuron	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Glyphosate	26/Jun/13	25.0 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Malathion	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Methoxychlor	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Metolachlor	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Metribuzin	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	Paraquat	26/Jun/13	1.000 <MDL	ug/L	N
December 17, 2010	Parathion	26/Jun/13	3.000 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Phorate	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Picloram	26/Jun/13	5.000 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	26/Jun/13	0.050 <MDL	ug/L	N
December 17, 2010	Prometryne	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Simazine	26/Jun/13	0.500 <MDL	ug/L	N

December 17, 2010	Temephos	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Terbufos	26/Jun/13	0.300 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	26/Jun/13	0.200 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	Triallate	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	26/Jun/13	0.100 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	26/Jun/13	10.0 <MDL	ug/L	N
December 17, 2010	Trifluralin	26/Jun/13	0.500 <MDL	ug/L	N
December 17, 2010	Vinyl Chloride	26/Jun/13	0.200 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	26/Jun/13	229.000	mg/L	N
December 17, 2010	Aluminum	26/Jun/13	0.030	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	26/Jun/13	0.010	mg/L	N
December 17, 2010	Azoxystrobin	26/Jun/13	0.020	ug/L	N
December 17, 2010	Calcium	26/Jun/13	72.000	mg/L	N
December 17, 2010	Chloride	26/Jun/13	12.000	mg/L	N
December 17, 2010	Cobalt	26/Jun/13	0.005	mg/L	N
December 17, 2010	Conductivity	26/Jun/13	499.000	uS/cm	N
December 17, 2010	Copper	26/Jun/13	0.008	mg/L	N
December 17, 2010	Cyanide	26/Jun/13	0.005	mg/L	N
December 17, 2010	Dissolved Organic Carbon	26/Jun/13	2.900	mg/L	N
December 17, 2010	Ethylbenzene	26/Jun/13	0.500	ug/L	N
December 17, 2010	Fludioxonil	26/Jun/13	0.010	ug/L	N
December 17, 2010	Hardness	26/Jun/13	238.000	mg/L	N
December 17, 2010	Iron	26/Jun/13	0.005	mg/L	N
December 17, 2010	Langelier`s Index	26/Jun/13	0.665	@25 C	N
December 17, 2010	Magnesium	26/Jun/13	14.100	mg/L	N
December 17, 2010	Manganese	26/Jun/13	0.145	mg/L	N
December 17, 2010	Nickel	26/Jun/13	0.010	mg/L	N
December 17, 2010	Organic Nitrogen	26/Jun/13	0.100	mg/L	N
December 17, 2010	pH	26/Jun/13	7.880	mg/L	N
December 17, 2010	Potassium	26/Jun/13	2.000	mg/L	N
December 17, 2010	Silica	26/Jun/13	6.750	mg/L	N
December 17, 2010	Silver	26/Jun/13	0.000	mg/L	N
December 17, 2010	Sulphate	26/Jun/13	14.000	mg/L	N
December 17, 2010	Sulphide	26/Jun/13	0.010	mg/L	N
December 17, 2010	TDS(ion sum calc.)	26/Jun/13	261.000	mg/L	N
December 17, 2010	Total Kjeldahl Nitrogen	26/Jun/13	0.100	mg/L	N
December 17, 2010	Toluene	26/Jun/13	0.500	ug/L	N
December 17, 2010	Total Phosphorus	26/Jun/13	0.010	mg/L	N
December 17, 2010	Turbidity	26/Jun/13	0.300	NTU	N
December 17, 2010	Xylene (Total)	26/Jun/13	1.100	ug/L	N
December 17, 2010	m/p-xylene	26/Jun/13	1.000	ug/L	N
December 17, 2010	o-xylene	26/Jun/13	0.500	ug/L	N
December 17, 2010	Zinc	26/Jun/13	0.005	mg/L	N

Summary of Inorganic parameters tested during this reporting period or the most recent sample results.

As outlined below, sampling was carried out for inorganic and organic parameters at the following sites: Arva Pumping Station, Highbury Ave. at Dingman Dr.

SITE: Arva Pumping Station - Treated Distribution

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	25/Jun/13	0.1	ug/L	N
December 17, 2010	Arsenic	25/Jun/13	0.5	ug/L	N
December 17, 2010	Barium	25/Jun/13	14	ug/L	N
December 17, 2010	Boron	25/Jun/13	13	ug/L	N
December 17, 2010	Cadmium	25/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Chromium	25/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	2/Jan/13	0.6	mg/L	N
December 17, 2010	Fluoride	9/Jan/13	0.6	mg/L	N
December 17, 2010	Fluoride	16/Jan/13	0.6	mg/L	N
December 17, 2010	Fluoride	23/Jan/13	0.6	mg/L	N
December 17, 2010	Fluoride	30/Jan/13	0.6	mg/L	N
December 17, 2010	Fluoride	6/Feb/13	0.7	mg/L	N
December 17, 2010	Fluoride	13/Feb/13	0.6	mg/L	N
December 17, 2010	Fluoride	20/Feb/13	0.6	mg/L	N
December 17, 2010	Fluoride	27/Feb/13	0.7	mg/L	N
December 17, 2010	Fluoride	6/Mar/13	0.6	mg/L	N
December 17, 2010	Fluoride	13/Mar/13	0.6	mg/L	N
December 17, 2010	Fluoride	20/Mar/13	0.6	mg/L	N
December 17, 2010	Fluoride	27/Mar/13	0.7	mg/L	N
December 17, 2010	Fluoride	3/Apr/13	0.6	mg/L	N
December 17, 2010	Fluoride	10/Apr/13	0.6	mg/L	N
December 17, 2010	Fluoride	17/Apr/13	0.7	mg/L	N
December 17, 2010	Fluoride	24/Apr/13	0.7	mg/L	N
December 17, 2010	Fluoride	1/May/13	0.6	mg/L	N
December 17, 2010	Fluoride	8/May/13	0.6	mg/L	N
December 17, 2010	Fluoride	15/May/13	0.6	mg/L	N
December 17, 2010	Fluoride	22/May/13	0.7	mg/L	N
December 17, 2010	Fluoride	29/May/13	0.7	mg/L	N
December 17, 2010	Fluoride	5/Jun/13	0.6	mg/L	N
December 17, 2010	Fluoride	12/Jun/13	0.6	mg/L	N
December 17, 2010	Fluoride	19/Jun/13	0.6	mg/L	N
December 17, 2010	Fluoride	26/Jun/13	0.6	mg/L	N
December 17, 2010	Fluoride	3/Jul/13	0.6	mg/L	N
December 17, 2010	Fluoride	17/Jul/13	0.6	mg/L	N
December 17, 2010	Fluoride	24/Jul/13	0.7	mg/L	N
December 17, 2010	Fluoride	31/Jul/13	0.6	mg/L	N
December 17, 2010	Fluoride	7/Aug/13	0.7	mg/L	N
December 17, 2010	Fluoride	14/Aug/13	0.6	mg/L	N

December 17, 2010	Fluoride	21/Aug/13	0.6	mg/L	N
December 17, 2010	Fluoride	28/Aug/13	0.6	mg/L	N
December 17, 2010	Fluoride	4/Sep/13	0.6	mg/L	N
December 17, 2010	Fluoride	11/Sep/13	0.6	mg/L	N
December 17, 2010	Fluoride	20/Sep/13	0.7	mg/L	N
December 17, 2010	Fluoride	2/Oct/13	0.6	mg/L	N
December 17, 2010	Fluoride	9/Oct/13	0.6	mg/L	N
December 17, 2010	Fluoride	16/Oct/13	0.6	mg/L	N
December 17, 2010	Fluoride	23/Oct/13	0.7	mg/L	N
December 17, 2010	Fluoride	30/Oct/13	0.6	mg/L	N
December 17, 2010	Fluoride	6/Nov/13	0.6	mg/L	N
December 17, 2010	Fluoride	13/Nov/13	0.6	mg/L	N
December 17, 2010	Fluoride	20/Nov/13	0.6	mg/L	N
December 17, 2010	Fluoride	27/Nov/13	0.6	mg/L	N
December 17, 2010	Fluoride	4/Dec/13	0.65	mg/L	N
December 17, 2010	Fluoride	11/Dec/13	0.5	mg/L	N
December 17, 2010	Fluoride	18/Dec/13	0.56	mg/L	N
December 17, 2010	Fluoride	25/Dec/13	0.62	mg/L	N
December 17, 2010	Mercury	25/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	0.8	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	25/Jun/13	0.4	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	0.3	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	2/Dec/13	0.3	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.32	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	0.8	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	25/Jun/13	0.4	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	0.3	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	2/Dec/13	0.3	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.32	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	25/Jun/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	2/Dec/13	0.1 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium	25/Jun/13	10.7	mg/L	N
December 17, 2010	Uranium	25/Jun/13	0.05 <MDL	ug/L	N

b) ORGANIC PARAMETERS (including THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Aldicarb	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	25/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Bendiocarb	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Benzene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	25/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	Bromoxynil	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Carbaryl	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Carbofuran	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	25/Jun/13	0.04 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Cyanazine	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diazinon	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dicamba	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	25/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Dichloromethane	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	2/Dec/13	5 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Dimethoate	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dinoseb	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diquat	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diuron	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Glyphosate	25/Jun/13	25 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Malathion	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Methoxychlor	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Metolachlor	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Metribuzin	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Paraquat	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Parathion	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Phorate	25/Jun/13	0.3 <MDL	ug/L	N

December 17, 2010	Picloram	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	25/Jun/13	0.05 <MDL	ug/L	N
December 17, 2010	Prometryne	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Simazine	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Temephos	25/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Terbufos	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Triallate	25/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	25/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trifluralin	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Trihalomethanes (total)	5/Mar/13	13.4	ug/L	N
December 17, 2010	Bromodichloromethane	5/Mar/13	4.2	ug/L	N
December 17, 2010	Bromoform	5/Mar/13	0.1 <MDL	ug/L	N
December 17, 2010	Chloroform	5/Mar/13	8.1	ug/L	N
December 17, 2010	Dibromochloromethane	5/Mar/13	1.1	ug/L	N
December 17, 2010	Trihalomethanes (total)	25/Jun/13	22.7	ug/L	N
December 17, 2010	Bromodichloromethane	25/Jun/13	6.6	ug/L	N
December 17, 2010	Bromoform	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Chloroform	25/Jun/13	13.4	ug/L	N
December 17, 2010	Dibromochloromethane	25/Jun/13	2.7	ug/L	N
December 17, 2010	Trihalomethanes (total)	16/Sep/13	27.5	ug/L	N
December 17, 2010	Bromodichloromethane	16/Sep/13	7.3	ug/L	N
December 17, 2010	Bromoform	16/Sep/13	0.4	ug/L	N
December 17, 2010	Chloroform	16/Sep/13	15.6	ug/L	N
December 17, 2010	Dibromochloromethane	16/Sep/13	4.2	ug/L	N
December 17, 2010	Trihalomethanes (total)	9/Dec/13	20	µg/L	N
December 17, 2010	Bromodichloromethane	9/Dec/13	6	µg/L	N
December 17, 2010	Bromoform	9/Dec/13	0.3 <RDL	µg/L	N
December 17, 2010	Chloroform	9/Dec/13	10	µg/L	N
December 17, 2010	Dibromochloromethane	9/Dec/13	3.5	µg/L	N
December 17, 2010	Vinyl Chloride	25/Jun/13	0.2 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	25/Jun/13	78	mg/L	N
December 17, 2010	Aluminum	25/Jun/13	0.07	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Calcium	25/Jun/13	25.6	mg/L	N
December 17, 2010	Chloride	25/Jun/13	8.3	mg/L	N
December 17, 2010	Cobalt	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Conductivity	25/Jun/13	251	uS/cm	N
December 17, 2010	Copper	25/Jun/13	0.003	mg/L	N
December 17, 2010	Copper	2/Dec/13	0.003	mg/L	N
December 17, 2010	Cyanide	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Dissolved Organic Carbon	25/Jun/13	1.6	mg/L	N
December 17, 2010	Ethylbenzene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Hardness	25/Jun/13	95	mg/L	N
December 17, 2010	Iron	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Iron	2/Dec/13	0.01 <MDL	mg/L	N
December 17, 2010	Langelier`s Index	25/Jun/13	-0.152	@25 C	N
December 17, 2010	m/p-xylene	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Magnesium	25/Jun/13	7.64	mg/L	N
December 17, 2010	Manganese	25/Jun/13	0 <MDL	mg/L	N
December 17, 2010	Nickel	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	25/Jun/13	0.05 <MDL	mg/L	N
December 17, 2010	o-xylene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	pH	25/Jun/13	7.93	no unit	N
December 17, 2010	Potassium	25/Jun/13	0.8	mg/L	N
December 17, 2010	Silica	25/Jun/13	1.66	mg/L	N
December 17, 2010	Silver	25/Jun/13	0.00 <MDL	mg/L	N
December 17, 2010	Sulphate	25/Jun/13	29	mg/L	N
December 17, 2010	Sulphide	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	TDS(ion sum calc.)	25/Jun/13	131	mg/L	N
December 17, 2010	Toluene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Total Kjeldahl Nitrogen	25/Jun/13	0.05 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Turbidity	25/Jun/13	0.3	NTU	N
December 17, 2010	Xylene (Total)	25/Jun/13	1.1 <MDL	ug/L	N
December 17, 2010	Zinc	25/Jun/13	0.01 <MDL	mg/L	N

SITE: Highbury Ave. at Dingman Dr. - Treated Distribution

a) INORGANIC PARAMETERS (including lead, sodium, nitrate, nitrite, and fluoride)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Antimony	25/Jun/13	0.2	ug/L	N
December 17, 2010	Arsenic	25/Jun/13	0.7	ug/L	N
December 17, 2010	Barium	25/Jun/13	25	ug/L	N
December 17, 2010	Boron	25/Jun/13	20	ug/L	N
December 17, 2010	Cadmium	25/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Chromium	25/Jun/13	2 <MDL	ug/L	N
December 17, 2010	Fluoride	2/Jan/13	0.50	mg/L	N
December 17, 2010	Fluoride	9/Jan/13	0.60	mg/L	N
December 17, 2010	Fluoride	16/Jan/13	0.50	mg/L	N
December 17, 2010	Fluoride	23/Jan/13	0.50	mg/L	N
December 17, 2010	Fluoride	30/Jan/13	0.30	mg/L	N
December 17, 2010	Fluoride	6/Feb/13	0.40	mg/L	N
December 17, 2010	Fluoride	13/Feb/13	0.70	mg/L	N
December 17, 2010	Fluoride	20/Feb/13	0.60	mg/L	N
December 17, 2010	Fluoride	27/Feb/13	0.50	mg/L	N
December 17, 2010	Fluoride	6/Mar/13	0.50	mg/L	N
December 17, 2010	Fluoride	13/Mar/13	0.50	mg/L	N
December 17, 2010	Fluoride	20/Mar/13	0.50	mg/L	N
December 17, 2010	Fluoride	27/Mar/13	0.50	mg/L	N
December 17, 2010	Fluoride	3/Apr/13	0.60	mg/L	N
December 17, 2010	Fluoride	10/Apr/13	0.50	mg/L	N
December 17, 2010	Fluoride	17/Apr/13	0.60	mg/L	N
December 17, 2010	Fluoride	24/Apr/13	0.50	mg/L	N
December 17, 2010	Fluoride	1/May/13	0.50	mg/L	N
December 17, 2010	Fluoride	8/May/13	0.50	mg/L	N
December 17, 2010	Fluoride	15/May/13	0.50	mg/L	N
December 17, 2010	Fluoride	22/May/13	0.60	mg/L	N
December 17, 2010	Fluoride	29/May/13	0.50	mg/L	N
December 17, 2010	Fluoride	5/Jun/13	0.50	mg/L	N
December 17, 2010	Fluoride	12/Jun/13	0.60	mg/L	N
December 17, 2010	Fluoride	19/Jun/13	0.50	mg/L	N
December 17, 2010	Fluoride	26/Jun/13	0.50	mg/L	N
December 17, 2010	Fluoride	3/Jul/13	0.60	mg/L	N
December 17, 2010	Fluoride	10/Jul/13	0.60	mg/L	N
December 17, 2010	Fluoride	17/Jul/13	0.60	mg/L	N
December 17, 2010	Fluoride	24/Jul/13	0.60	mg/L	N
December 17, 2010	Fluoride	31/Jul/13	0.60	mg/L	N
December 17, 2010	Fluoride	7/Aug/13	0.60	mg/L	N
December 17, 2010	Fluoride	14/Aug/13	0.60	mg/L	N
December 17, 2010	Fluoride	21/Aug/13	0.60	mg/L	N
December 17, 2010	Fluoride	28/Aug/13	0.70	mg/L	N
December 17, 2010	Fluoride	4/Sep/13	0.60	mg/L	N

December 17, 2010	Fluoride	11/Sep/13	0.60	mg/L	N
December 17, 2010	Fluoride	18/Sep/13	0.60	mg/L	N
December 17, 2010	Fluoride	2/Oct/13	0.50	mg/L	N
December 17, 2010	Fluoride	9/Oct/13	0.60	mg/L	N
December 17, 2010	Fluoride	16/Oct/13	0.60	mg/L	N
December 17, 2010	Fluoride	23/Oct/13	0.60	mg/L	N
December 17, 2010	Fluoride	30/Oct/13	0.60	mg/L	N
December 17, 2010	Fluoride	6/Nov/13	0.50	mg/L	N
December 17, 2010	Fluoride	13/Nov/13	0.50	mg/L	N
December 17, 2010	Fluoride	20/Nov/13	0.50	mg/L	N
December 17, 2010	Fluoride	27/Nov/13	0.40	mg/L	N
December 17, 2010	Fluoride	4/Dec/13	0.58	mg/L	N
December 17, 2010	Fluoride	11/Dec/13	0.37	mg/L	N
December 17, 2010	Fluoride	18/Dec/13	0.34	mg/L	N
December 17, 2010	Fluoride	25/Dec/13	0.39	mg/L	N
December 17, 2010	Mercury	25/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Nitrate (as nitrogen)	5/Mar/13	0.30	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	25/Jun/13	0.20	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	16/Sep/13	0.20	mg/L	N
December 17, 2010	Nitrate (as nitrogen)	9/Dec/13	0.19	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	5/Mar/13	0.30	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	25/Jun/13	0.20	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	16/Sep/13	0.20	mg/L	N
December 17, 2010	Nitrate + Nitrite (as nitrogen)	9/Dec/13	0.19	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	5/Mar/13	0.10 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	25/Jun/13	0.10 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	16/Sep/13	0.10 <MDL	mg/L	N
December 17, 2010	Nitrite (as nitrogen)	9/Dec/13	0.05 <RDL	mg/L	N
December 17, 2010	Selenium	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Sodium	25/Jun/13	20.30	mg/L	N
December 17, 2010	Sodium	3/Jul/13	20.20	mg/L	Y
December 17, 2010	Uranium	25/Jun/13	0.05 <MDL	ug/L	N

b) ORGANIC PARAMETERS (including THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alachlor	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Aldicarb	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Aldrin + Dieldrin	25/Jun/13	0.02 <MDL	ug/L	N
December 17, 2010	Atrazine + N-dealkylated metabolites	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Azinphos-methyl	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Bendiocarb	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Benzene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Benzo(a)pyrene	25/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	Bromoxynil	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Carbaryl	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Carbofuran	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Carbon tetrachloride	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Chlordane (Total)	25/Jun/13	0.04 <MDL	ug/L	N
December 17, 2010	Chlorpyrifos	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Cyanazine	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diazinon	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dicamba	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	1,2-Dichlorobenzene	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,4-Dichlorobenzene	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Dichlorodiphenyltrichloroethane (DDT) + Me	25/Jun/13	0.01 <MDL	ug/L	N
December 17, 2010	1,2-Dichloroethane	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	1,1-Dichloroethylene (vinylidene chloride)	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Dichloromethane	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4-dichlorophenoxyacetic acid (2,4-D)	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diclofop-methyl	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Dimethoate	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Dinoseb	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Diquat	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Diuron	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Glyphosate	25/Jun/13	25 <MDL	ug/L	N
December 17, 2010	Heptachlor + Heptachlor Epoxide	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Lindane (Total)	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Malathion	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Methoxychlor	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Metolachlor	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Metribuzin	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Monochlorobenzene	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	Paraquat	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Parathion	25/Jun/13	3 <MDL	ug/L	N
December 17, 2010	Pentachlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Phorate	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Picloram	25/Jun/13	5 <MDL	ug/L	N
December 17, 2010	Polychlorinated Biphenyls (PCBs)	25/Jun/13	0.05 <MDL	ug/L	N

December 17, 2010	Prometryne	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Simazine	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Temephos	25/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Terbufos	25/Jun/13	0.3 <MDL	ug/L	N
December 17, 2010	Tetrachloroethylene (perchloroethylene)	25/Jun/13	0.2 <MDL	ug/L	N
December 17, 2010	2,3,4,6-tetrachlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	Triallate	25/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trichloroethylene	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,6-trichlorophenol	25/Jun/13	0.1 <MDL	ug/L	N
December 17, 2010	2,4,5-trichlorophenoxyacetic acid (2,4,5-T)	25/Jun/13	10 <MDL	ug/L	N
December 17, 2010	Trifluralin	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Trihalomethanes (total)	5/Mar/13	16.50	ug/L	N
December 17, 2010	Bromodichloromethane	5/Mar/13	5.40	ug/L	N
December 17, 2010	Bromoform	5/Mar/13	0.10 <MDL	ug/L	N
December 17, 2010	Chloroform	5/Mar/13	9.10	ug/L	N
December 17, 2010	Dibromochloromethane	5/Mar/13	2.10	ug/L	N
December 17, 2010	Trihalomethanes (total)	25/Jun/13	37.10	ug/L	N
December 17, 2010	Bromodichloromethane	25/Jun/13	10.00	ug/L	N
December 17, 2010	Bromoform	25/Jun/13	0.10 <MDL	ug/L	N
December 17, 2010	Chloroform	25/Jun/13	23.20	ug/L	N
December 17, 2010	Dibromochloromethane	25/Jun/13	3.90	ug/L	N
December 17, 2010	Trihalomethanes (total)	16/Sep/13	35.80	ug/L	N
December 17, 2010	Bromodichloromethane	16/Sep/13	10.10	ug/L	N
December 17, 2010	Bromoform	16/Sep/13	0.30	ug/L	N
December 17, 2010	Chloroform	16/Sep/13	21.60	ug/L	N
December 17, 2010	Dibromochloromethane	16/Sep/13	3.90	ug/L	N
December 17, 2010	Trihalomethanes (total)	9/Dec/13	24.00	µg/L	N
December 17, 2010	Bromodichloromethane	9/Dec/13	7.60	µg/L	N
December 17, 2010	Bromoform	9/Dec/13	0.30 <RDL	µg/L	N
December 17, 2010	Chloroform	9/Dec/13	12.00	µg/L	N
December 17, 2010	Dibromochloromethane	9/Dec/13	4.40	µg/L	N
December 17, 2010	Vinyl Chloride	25/Jun/13	0.2 <MDL	ug/L	N

c) NON-REGULATED INORGANIC/ORGANIC PARAMETERS

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Alkalinity	25/Jun/13	103	mg/L	N
December 17, 2010	Aluminum	25/Jun/13	0.04	mg/L	N
December 17, 2010	Ammonia+Ammonium (N)	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Calcium	25/Jun/13	33.7	mg/L	N
December 17, 2010	Chloride	25/Jun/13	16.8	mg/L	N
December 17, 2010	Cobalt	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Conductivity	25/Jun/13	341	uS/cm	N
December 17, 2010	Copper	25/Jun/13	0	mg/L	N
December 17, 2010	Cyanide	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Dissolved Organic Carbon	25/Jun/13	2.3	mg/L	N
December 17, 2010	Ethylbenzene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Hardness	25/Jun/13	119	mg/L	N
December 17, 2010	Iron	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Langelier`s Index	25/Jun/13	0.09	@25 C	N
December 17, 2010	m/p-xylene	25/Jun/13	1 <MDL	ug/L	N
December 17, 2010	Magnesium	25/Jun/13	8.57	mg/L	N
December 17, 2010	Manganese	25/Jun/13	0.001 <MDL	mg/L	N
December 17, 2010	Nickel	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Organic Nitrogen	25/Jun/13	0.05 <MDL	mg/L	N
December 17, 2010	o-xylene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	pH	25/Jun/13	7.96	no unit	N
December 17, 2010	Potassium	25/Jun/13	1.3	mg/L	N
December 17, 2010	Silica	25/Jun/13	0.73	mg/L	N
December 17, 2010	Silver	25/Jun/13	0.000 <MDL	mg/L	N
December 17, 2010	Sulphate	25/Jun/13	37	mg/L	N
December 17, 2010	Sulphide	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	TDS(ion sum calc.)	25/Jun/13	180	mg/L	N
December 17, 2010	Toluene	25/Jun/13	0.5 <MDL	ug/L	N
December 17, 2010	Total Kjeldahl Nitrogen	25/Jun/13	0.05 <MDL	mg/L	N
December 17, 2010	Total Phosphorus	25/Jun/13	0.01 <MDL	mg/L	N
December 17, 2010	Turbidity	25/Jun/13	0.3	NTU	N
December 17, 2010	Xylene (Total)	25/Jun/13	1.1 <MDL	ug/L	N
December 17, 2010	Zinc	25/Jun/13	0.01 <MDL	mg/L	N

Summary of Inorganic/Organic parameters tested during this reporting period.

As outlined below, sampling was carried out for THM's at 214 Rathowan St., 4318 Colonel Talbot Rd., and at 869 Commissioners Road West.

SITE: Fire Hydrant at 214 Rathowan St. - Treated Distribution
b) ORGANIC PARAMETERS (THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Trihalomethanes (total)	5/Mar/13	15.60	ug/L	N
December 17, 2010	(bromodichloromethane)	5/Mar/13	4.80	ug/L	N
December 17, 2010	(bromoform)	5/Mar/13	0.10 <MDL	ug/L	N
December 17, 2010	(chloroform)	5/Mar/13	0.00	ug/L	N
December 17, 2010	(dibromochloromethane)	5/Mar/13	1.50	ug/L	N
December 17, 2010	Trihalomethanes (total)	24/Jun/13	34.00	ug/L	N
December 17, 2010	(bromodichloromethane)	24/Jun/13	8.90	ug/L	N
December 17, 2010	(bromoform)	24/Jun/13	0.10 <MDL	ug/L	N
December 17, 2010	(chloroform)	24/Jun/13	21.70	ug/L	N
December 17, 2010	(dibromochloromethane)	24/Jun/13	3.40	ug/L	N
December 17, 2010	Trihalomethanes (total)	16/Sep/13	36.60	ug/L	N
December 17, 2010	(bromodichloromethane)	16/Sep/13	9.20	ug/L	N
December 17, 2010	(bromoform)	16/Sep/13	0.40	ug/L	N
December 17, 2010	(chloroform)	16/Sep/13	22.30	ug/L	N
December 17, 2010	(dibromochloromethane)	16/Sep/13	4.70	ug/L	N
December 17, 2010	Trihalomethanes (total)	9/Dec/13	29.00	µg/L	N
December 17, 2010	(bromodichloromethane)	9/Dec/13	8.60	µg/L	N
December 17, 2010	(bromoform)	9/Dec/13	0.30 <RDL	µg/L	N
December 17, 2010	(chloroform)	9/Dec/13	16.00	µg/L	N
December 17, 2010	(dibromochloromethane)	9/Dec/13	4.10	µg/L	N

SITE: 4318 Colonel Talbot Rd. - Treated Distribution
b) ORGANIC PARAMETERS (THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Trihalomethanes (total)	5/Mar/13	25.40	ug/L	N
December 17, 2010	(bromodichloromethane)	5/Mar/13	7.40	ug/L	N
December 17, 2010	(bromoform)	5/Mar/13	0.10 <MDL	ug/L	N
December 17, 2010	(chloroform)	5/Mar/13	15.40	ug/L	N
December 17, 2010	(dibromochloromethane)	5/Mar/13	2.60	ug/L	N
December 17, 2010	Trihalomethanes (total)	24/Jun/13	42.00	ug/L	N
December 17, 2010	(bromodichloromethane)	24/Jun/13	10.00	ug/L	N
December 17, 2010	(bromoform)	24/Jun/13	0.10 <MDL	ug/L	N
December 17, 2010	(chloroform)	24/Jun/13	28.40	ug/L	N
December 17, 2010	(dibromochloromethane)	24/Jun/13	3.60	ug/L	N
December 17, 2010	Trihalomethanes (total)	16/Sep/13	49.30	ug/L	N
December 17, 2010	(bromodichloromethane)	16/Sep/13	11.40	ug/L	N
December 17, 2010	(bromoform)	16/Sep/13	0.40	ug/L	N
December 17, 2010	(chloroform)	16/Sep/13	32.40	ug/L	N
December 17, 2010	(dibromochloromethane)	16/Sep/13	5.10	ug/L	N
December 17, 2010	Trihalomethanes (total)	9/Dec/13	51.00	µg/L	N
December 17, 2010	(bromodichloromethane)	9/Dec/13	14.00	µg/L	N
December 17, 2010	(bromoform)	9/Dec/13	0.30 <RDL	µg/L	N
December 17, 2010	(chloroform)	9/Dec/13	31.00	µg/L	N
December 17, 2010	(dibromochloromethane)	9/Dec/13	5.80	µg/L	N

SITE: 869 Commissioners Rd W (#2 Reservoir) - Treated Distribution
b) ORGANIC PARAMETERS (THM)

Date of Municipal Drinking Water Licence	Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
December 17, 2010	Trihalomethanes (total)	17/Apr/13	34.90	ug/L	N
December 17, 2010	(bromodichloromethane)	17/Apr/13	8.20	ug/L	N
December 17, 2010	(bromoform)	17/Apr/13	0.10 <MDL	ug/L	N
December 17, 2010	(chloroform)	17/Apr/13	23.80	ug/L	N
December 17, 2010	(dibromochloromethane)	17/Apr/13	3.00	ug/L	N

List any Inorganic or Organic parameter(s) that exceeded half the standard prescribed in Schedule 2 of Ontario Drinking Water Quality Standards.

No instances of Half MAC exceedance during quarterly, annual and routine grab sample testing in 2013.

Appendix 'B'
2013 Annual Report
(Elgin Middlesex Pumping Station – London Distribution System)

London
CANADA

Drinking-Water System Number:	260004917
Drinking-Water System Name:	**Elgin Middlesex Pumping Station – City of London Distribution System**
Drinking-Water System Owner:	City of London
Drinking-Water System Category:	Large Municipal Residential
Period being reported:	January 1, 2013 through December 31, 2013

Complete if your Category is Large Municipal Residential or Small Municipal Residential

Does your Drinking-Water System serve more than 10,000 people? Yes [X] No [ ]

Is your annual report available to the public at no charge on a web site on the Internet? Yes [X] No [ ]

Location where Summary Report required under O. Reg. 170/03 Schedule 22 will be available for inspection.

City of London
300 Dufferin Ave
London, ON
N6B 1Z2
www.london.ca

Elgin Area Water Treatment Plant
43665 Dexter Line, Union, ON

Complete for all other Categories.

Number of Designated Facilities served:

N/A

Did you provide a copy of your annual report to all Designated Facilities you serve?
Yes [ ] No [ ]

Number of Interested Authorities you report to: N/A

Did you provide a copy of your annual report to all Interested Authorities you report to for each Designated Facility?
Yes [ ] No [ ]

List all Drinking-Water Systems (if any), which receive all of their drinking water from your system:

Systems that receive their drinking water directly from the London EMPS:

Drinking Water System Name	Drinking Water System Number
City of London Distribution System	260004917

Systems that receive their drinking water indirectly from the London EMPS:

Drinking Water System Name	Drinking Water System Number
Municipality of Central Elgin	260004761

Did you provide a copy of your annual report to all Drinking-Water System owners that are connected to you and to whom you provide all of its drinking water?

Yes [X] No [ ]

Indicate how you notified system users that your annual report is available, and is free of charge.

- **[X] Public access/notice via the web**
- **[X] Public access/notice via Government Office**
- **[ ] Public access/notice via a newspaper**
- **[X] Public access/notice via Public Request**
- **[ ] Public access/notice via a Public Library**
- **[ ] Public access/notice via other method ____**

Describe your Drinking-Water System

The Elgin Middlesex Pumping Station (EMPS) receives water from the Elgin Area Primary Water Supply System, which is located to the east of Port Stanley. Through various secondary water supply systems, the EMPS serves the Cities of London and St. Thomas, Town of Aylmer, and Municipalities of Central Elgin, Malahide and Southwold.

The EMPS is a shared facility encompassing a twin celled reservoir with a total capacity of 54,600m^3. Booster pumps are dedicated to directing water to the City of London, St. Thomas Secondary and/or Aylmer Secondary Water Supply Systems. The EMPS houses a surge facility to service the London transmission main.

Three pipelines exit the EMPS: one pipeline runs North along Highbury Avenue, servicing the London Distribution system; the second exits to the south of the EMPS property and extends West to service the St. Area Thomas Secondary System; the third exits to the South, to Highway 3 and then runs in an Easterly direction to service the municipalities on the Aylmer Area Secondary System.

List all water treatment chemicals used over this reporting period

No re-treatment of water destined for London took place at the EMPS in 2013.

Were any significant expenses incurred to?

- [ ] Install required equipment
- [X] Repair required equipment
- [ ] Replace required equipment

Please provide a brief description and a breakdown of monetary expenses incurred

- Repairs and rebuilding of surge system air compressor
- Rebuilding of discharge control valve for London pump #6

Notices submitted in accordance with subsection 18(1) of the Safe Drinking-Water Act or section 16-4 of Schedule 16 of O.Reg.170/03 and reported to Spills Action Centre

Incident Date	Parameter	Result	Unit of Measure	Corrective Action	Corrective Action Date
N/A	N/A	N/A	N/A	N/A	N/A

Microbiological testing done under the Schedule 10, 11 or 12 of Regulation 170/03, during this reporting period.

	Number of Samples	Range of E.Coli Results (CFU/100 mL) (min #)-(max #)	Range of Total Coliform Results (CFU/100 mL) (min #)-(max #)	Number of Heterotrophic Plate Count (HPC) Samples	Range of HPC Results (CFU/1 mL) (min #)-(max #)
Distribution	53	0 - 0	0 - 0	53	(<10) – (480)

Operational testing done under Schedule 7, 8 or 9 of Regulation 170/03 during the period covered by this Annual Report.

Analyte	Number of Grab Samples (Continuous Monitoring)	Min	Max	Avg
Free Chlorine Residual (mg/L)	8760	0.56	1.31	0.87

Summary of Organic parameters sampled during this reporting period or the most recent sample results

Parameter	Sample Date	Result Value	Unit of Measure	Exceedance
THM (NOTE: result value is based on latest annual average)	January 17, 2013 April 15, 2013 July 15, 2013 October 12, 2013	13 16 31 36	µg/L µg/L µg/L µg/L	NO

Appendix 'C'
2013 Summary Report
(Summary of Water Pumpage)

London
CANADA

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Tuesday	1/Jan/13	22,844	97,304	110,678
Wednesday	2/Jan/13	22,838	96,898	121,540
Thursday	3/Jan/13	22,843	100,575	120,035
Friday	4/Jan/13	22,839	96,283	116,642
Saturday	5/Jan/13	22,846	88,465	116,723
Sunday	6/Jan/13	22,843	96,630	123,306
Monday	7/Jan/13	22,846	114,402	120,788
Tuesday	8/Jan/13	22,845	96,274	111,903
Wednesday	9/Jan/13	***55,704***	47,382	109,174
Thursday	10/Jan/13	51,469	86,273	***143,830***
Friday	11/Jan/13	22,843	84,328	114,387
Saturday	12/Jan/13	22,842	87,939	119,123
Sunday	13/Jan/13	22,845	110,853	123,552
Monday	14/Jan/13	22,763	96,285	125,587
Tuesday	15/Jan/13	22,763	107,441	123,439
Wednesday	16/Jan/13	22,842	100,426	121,690
Thursday	17/Jan/13	22,838	99,809	121,294
Friday	18/Jan/13	22,840	96,081	113,960
Saturday	19/Jan/13	22,842	91,371	116,017
Sunday	20/Jan/13	22,838	100,825	127,046
Monday	21/Jan/13	22,841	101,778	122,364
Tuesday	22/Jan/13	22,840	101,048	123,888
Wednesday	23/Jan/13	22,769	101,361	122,777
Thursday	24/Jan/13	22,843	101,004	121,818
Friday	25/Jan/13	22,839	96,958	117,542
Saturday	26/Jan/13	22,843	88,677	121,666
Sunday	27/Jan/13	22,842	101,627	124,920
Monday	28/Jan/13	22,840	104,522	121,500
Tuesday	29/Jan/13	22,841	97,055	131,621
Wednesday	30/Jan/13	22	***120,083***	121,464
Thursday	31/Jan/13	5,924	119,538	122,299
January 2013 Monthly Max		55,704	120,083	143,830
January 2013 Monthly Average		23,559	97,740	121,397
January 2013 Total		706,773	2,932,191	3,641,895

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Friday	1/Feb/13	***22,852***	103,963	123,433
Saturday	2/Feb/13	22,846	100,824	121,991
Sunday	3/Feb/13	22,846	***108,484***	***127,597***
Monday	4/Feb/13	22,842	104,567	121,321
Tuesday	5/Feb/13	22,842	96,503	121,149
Wednesday	6/Feb/13	22,839	97,464	125,038
Thursday	7/Feb/13	22,831	100,790	121,141
Friday	8/Feb/13	22,840	89,329	116,904
Saturday	9/Feb/13	22,835	100,613	118,938
Sunday	10/Feb/13	22,840	104,078	124,213
Monday	11/Feb/13	22,835	88,417	117,791
Tuesday	12/Feb/13	22,830	103,523	120,265
Wednesday	13/Feb/13	22,832	95,952	121,264
Thursday	14/Feb/13	22,837	87,561	118,290
Friday	15/Feb/13	22,833	92,145	112,723
Saturday	16/Feb/13	22,839	91,483	114,096
Sunday	17/Feb/13	22,841	90,935	109,492
Monday	18/Feb/13	22,834	97,050	118,531
Tuesday	19/Feb/13	22,829	97,460	117,133
Wednesday	20/Feb/13	22,832	89,089	118,460
Thursday	21/Feb/13	22,832	93,324	118,410
Friday	22/Feb/13	22,824	92,653	112,546
Saturday	23/Feb/13	22,822	92,973	114,442
Sunday	24/Feb/13	22,834	97,879	121,841
Monday	25/Feb/13	22,825	100,793	120,461
Tuesday	26/Feb/13	22,821	97,004	120,276
Wednesday	27/Feb/13	22,833	93,312	120,429
Thursday	28/Feb/13	22,828	97,144	119,747
February 2013Monthly Max		22,852	108,484	127,597
February 2013 Monthly Max		22,835	96,618	119,212
February 2013 Total		639,374	2,705,312	3,337,922

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Friday	1/Mar/13	22,821	101,213	116,418
Saturday	2/Mar/13	22,831	95,909	120,133
Sunday	3/Mar/13	22,834	96,210	127,152
Monday	4/Mar/13	22,825	108,550	120,882
Tuesday	5/Mar/13	22,834	86,561	***130,242***
Wednesday	6/Mar/13	22,830	97,345	126,932
Thursday	7/Mar/13	26,227	106,840	116,964
Friday	8/Mar/13	***29,080***	91,707	122,180
Saturday	9/Mar/13	22,831	92,347	116,343
Sunday	10/Mar/13	22,828	92,216	120,423
Monday	11/Mar/13	22,827	96,255	117,240
Tuesday	12/Mar/13	22,827	91,963	117,880
Wednesday	13/Mar/13	22,823	92,089	119,097
Thursday	14/Mar/13	23,129	100,544	118,031
Friday	15/Mar/13	22,826	97,601	115,015
Saturday	16/Mar/13	22,821	97,498	117,616
Sunday	17/Mar/13	22,831	97,788	124,727
Monday	18/Mar/13	22,828	97,491	119,978
Tuesday	19/Mar/13	22,826	96,908	118,521
Wednesday	20/Mar/13	22,820	88,460	120,382
Thursday	21/Mar/13	22,836	102,530	121,004
Friday	22/Mar/13	22,833	98,944	116,809
Saturday	23/Mar/13	22,831	108,317	118,507
Sunday	24/Mar/13	22,831	96,090	125,586
Monday	25/Mar/13	22,833	99,442	123,581
Tuesday	26/Mar/13	0	96,404	123,199
Wednesday	27/Mar/13	22,835	96,327	112,837
Thursday	28/Mar/13	22,834	96,745	115,060
Friday	29/Mar/13	22,832	***119,790***	116,756
Saturday	30/Mar/13	22,830	96,835	113,746
Sunday	31/Mar/13	22,833	93,369	114,842
March 2013 Monthly Max		29,080	119,790	130,242
March 2013 Monthly Average		22,400	97,636	119,722
March 2013 Total		672,006	2,929,075	3,591,665

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Monday	1/Apr/13	22,833	97,172	122,937
Tuesday	2/Apr/13	22,832	100,751	122,004
Wednesday	3/Apr/13	22,824	97,718	122,797
Thursday	4/Apr/13	22,832	100,624	123,231
Friday	5/Apr/13	22,827	97,276	118,073
Saturday	6/Apr/13	22,827	93,417	120,979
Sunday	7/Apr/13	22,832	***112,112***	***126,376***
Monday	8/Apr/13	22,817	99,881	119,541
Tuesday	9/Apr/13	22,828	92,323	118,759
Wednesday	10/Apr/13	22,833	92,214	117,753
Thursday	11/Apr/13	22,831	92,424	118,637
Friday	12/Apr/13	22,830	91,849	113,552
Saturday	13/Apr/13	22,829	92,467	116,198
Sunday	14/Apr/13	22,837	105,671	123,547
Monday	15/Apr/13	22,831	97,582	121,991
Tuesday	16/Apr/13	22,838	101,666	119,995
Wednesday	17/Apr/13	22,827	97,689	121,406
Thursday	18/Apr/13	22,831	93,529	119,919
Friday	19/Apr/13	22,830	93,383	115,620
Saturday	20/Apr/13	22,830	89,203	117,939
Sunday	21/Apr/13	22,827	107,874	125,388
Monday	22/Apr/13	22,826	104,431	122,808
Tuesday	23/Apr/13	***47,591***	78,407	122,735
Wednesday	24/Apr/13	44,785	45,226	120,344
Thursday	25/Apr/13	19,719	102,132	121,267
Friday	26/Apr/13	22,830	107,943	120,233
Saturday	27/Apr/13	22,826	107,831	121,818
Sunday	28/Apr/13	22,822	107,774	123,786
Monday	29/Apr/13	22,824	100,863	124,873
Tuesday	30/Apr/13	22,932	108,371	123,578
April 2013 Monthly Max		47,591	112,112	126,376
April 2013 Monthly Average		24,286	96,993	120,936
April 2013 Total		728,581	2,909,803	3,628,084

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Wednesday	1/May/13	31,242	88,649	130,879
Thursday	2/May/13	***44,976***	56,487	131,064
Friday	3/May/13	19,375	104,630	122,264
Saturday	4/May/13	22,816	***131,160***	129,362
Sunday	5/May/13	22,813	123,188	136,526
Monday	6/May/13	22,820	107,457	131,464
Tuesday	7/May/13	22,813	104,436	132,883
Wednesday	8/May/13	22,823	103,772	127,775
Thursday	9/May/13	22,817	103,825	130,771
Friday	10/May/13	22,819	103,087	118,225
Saturday	11/May/13	22,817	95,277	116,018
Sunday	12/May/13	22,815	99,831	118,197
Monday	13/May/13	22,816	89,003	122,780
Tuesday	14/May/13	22,825	97,292	123,067
Wednesday	15/May/13	22,827	104,882	133,596
Thursday	16/May/13	22,821	124,356	144,240
Friday	17/May/13	22,802	109,777	119,277
Saturday	18/May/13	22,818	97,403	124,967
Sunday	19/May/13	22,822	101,404	133,959
Monday	20/May/13	22,889	116,168	***151,356***
Tuesday	21/May/13	22,819	130,911	145,245
Wednesday	22/May/13	22,818	123,893	136,705
Thursday	23/May/13	11,721	111,890	128,036
Friday	24/May/13	22,825	114,903	128,279
Saturday	25/May/13	22,821	111,248	130,510
Sunday	26/May/13	22,815	111,946	143,934
Monday	27/May/13	22,766	120,130	145,551
Tuesday	28/May/13	22,760	108,291	129,871
Wednesday	29/May/13	22,759	111,925	135,864
Thursday	30/May/13	22,760	116,058	136,753
Friday	31/May/13	22,756	108,553	133,669
May 2013 Monthly Max		44,976	131,160	151,356
May 2013 Monthly Average		23,065	108,106	131,407
May 2013 Total		691,944	3,243,183	3,942,208

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Saturday	1/Jun/13	22,746	115,991	126,317
Sunday	2/Jun/13	22,755	109,161	128,950
Monday	3/Jun/13	22,766	100,413	128,221
Tuesday	4/Jun/13	22,772	103,412	134,168
Wednesday	5/Jun/13	22,825	103,871	135,228
Thursday	6/Jun/13	22,823	111,142	124,023
Friday	7/Jun/13	22,831	99,424	124,550
Saturday	8/Jun/13	22,829	107,041	124,856
Sunday	9/Jun/13	22,825	110,884	142,263
Monday	10/Jun/13	22,828	108,843	124,297
Tuesday	11/Jun/13	20,978	85,348	121,621
Wednesday	12/Jun/13	***23,054***	108,856	131,324
Thursday	13/Jun/13	22,782	97,707	129,249
Friday	14/Jun/13	22,760	112,531	129,748
Saturday	15/Jun/13	22,797	***129,538***	126,705
Sunday	16/Jun/13	22,841	97,833	126,309
Monday	17/Jun/13	22,813	103,953	139,730
Tuesday	18/Jun/13	22,835	116,137	134,861
Wednesday	19/Jun/13	22,821	124,055	137,430
Thursday	20/Jun/13	22,850	115,899	145,245
Friday	21/Jun/13	22,814	123,646	141,446
Saturday	22/Jun/13	22,822	107,848	134,209
Sunday	23/Jun/13	22,799	123,778	148,052
Monday	24/Jun/13	22,817	127,925	***158,096***
Tuesday	25/Jun/13	22,797	126,997	142,145
Wednesday	26/Jun/13	22,810	123,181	151,000
Thursday	27/Jun/13	22,822	111,341	134,456
Friday	28/Jun/13	22,834	114,967	122,146
Saturday	29/Jun/13	22,827	101,654	122,998
Sunday	30/Jun/13	22,827	96,915	120,631
June 2013 Monthly Max		23,054	129,538	158,096
June 2013 Monthly Average		22,757	110,676	133,009
June 2013 Total		682,700	3,320,291	3,990,274

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Monday	1/Jul/13	22,824	100,841	122,776
Tuesday	2/Jul/13	22,831	96,474	129,371
Wednesday	3/Jul/13	22,836	103,566	140,515
Thursday	4/Jul/13	27,274	103,628	134,988
Friday	5/Jul/13	***27,280***	107,197	125,990
Saturday	6/Jul/13	27,273	107,101	128,202
Sunday	7/Jul/13	27,269	106,882	125,884
Monday	8/Jul/13	27,277	105,067	130,267
Tuesday	9/Jul/13	27,271	101,413	130,464
Wednesday	10/Jul/13	27,268	100,918	129,966
Thursday	11/Jul/13	27,265	104,986	131,064
Friday	12/Jul/13	22,436	104,331	133,558
Saturday	13/Jul/13	22,438	112,685	131,288
Sunday	14/Jul/13	22,439	118,613	145,182
Monday	15/Jul/13	22,426	120,131	151,375
Tuesday	16/Jul/13	21,497	140,081	155,710
Wednesday	17/Jul/13	22,430	138,906	161,923
Thursday	18/Jul/13	22,427	***146,279***	***165,464***
Friday	19/Jul/13	22,443	134,610	149,376
Saturday	20/Jul/13	22,430	119,463	140,409
Sunday	21/Jul/13	22,421	123,340	149,908
Monday	22/Jul/13	22,431	115,501	147,655
Tuesday	23/Jul/13	22,437	119,801	136,644
Wednesday	24/Jul/13	22,422	119,305	145,560
Thursday	25/Jul/13	22,420	132,394	153,046
Friday	26/Jul/13	22,440	120,175	148,197
Saturday	27/Jul/13	22,441	120,132	122,795
Sunday	28/Jul/13	22,433	103,342	124,588
Monday	29/Jul/13	22,434	99,797	129,943
Tuesday	30/Jul/13	22,441	111,107	138,859
Wednesday	31/Jul/13	22,444	115,283	130,043
July 2013 Monthly Max		27,280	146,279	165,464
July 2013 Monthly Average		23,690	114,624	138,420
July 2013 Total		734,398	3,553,349	4,291,010

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Thursday	1/Aug/13	22,420	109,010	130,837
Friday	2/Aug/13	22,443	99,270	122,306
Saturday	3/Aug/13	22,444	103,682	120,490
Sunday	4/Aug/13	22,430	97,617	118,261
Monday	5/Aug/13	22,437	101,827	128,720
Tuesday	6/Aug/13	22,446	96,523	132,274
Wednesday	7/Aug/13	22,454	104,516	134,311
Thursday	8/Aug/13	***22,458***	109,187	135,161
Friday	9/Aug/13	22,456	116,564	134,330
Saturday	10/Aug/13	22,437	125,431	131,659
Sunday	11/Aug/13	22,453	113,481	136,527
Monday	12/Aug/13	22,454	111,479	136,893
Tuesday	13/Aug/13	22,455	111,626	135,850
Wednesday	14/Aug/13	22,444	111,101	140,912
Thursday	15/Aug/13	22,449	119,417	145,680
Friday	16/Aug/13	22,436	127,036	146,245
Saturday	17/Aug/13	22,440	***135,229***	144,096
Sunday	18/Aug/13	22,440	131,592	151,066
Monday	19/Aug/13	22,437	131,308	154,338
Tuesday	20/Aug/13	22,434	135,131	154,896
Wednesday	21/Aug/13	22,444	127,781	***158,822***
Thursday	22/Aug/13	22,436	123,788	146,814
Friday	23/Aug/13	22,435	127,732	150,756
Saturday	24/Aug/13	22,440	127,620	146,513
Sunday	25/Aug/13	22,436	131,612	154,344
Monday	26/Aug/13	22,453	119,681	149,810
Tuesday	27/Aug/13	22,433	123,349	147,257
Wednesday	28/Aug/13	22,447	111,249	138,395
Thursday	29/Aug/13	22,441	122,851	142,358
Friday	30/Aug/13	22,435	122,584	135,585
Saturday	31/Aug/13	22,435	119,110	128,772
August 2013 Monthly Max		22,458	135,229	158,822
August 2013 Monthly Average		22,442	117,690	139,815
August 2013 Total		695,752	3,648,384	4,334,278

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Sunday	1/Sep/13	22,440	110,496	127,865
Monday	2/Sep/13	22,433	104,760	140,886
Tuesday	3/Sep/13	22,435	101,007	128,773
Wednesday	4/Sep/13	22,433	109,135	142,756
Thursday	5/Sep/13	22,420	121,944	139,665
Friday	6/Sep/13	22,426	121,102	135,859
Saturday	7/Sep/13	22,430	105,087	126,035
Sunday	8/Sep/13	22,433	113,398	144,097
Monday	9/Sep/13	22,420	123,316	143,376
Tuesday	10/Sep/13	22,430	***132,094***	***155,999***
Wednesday	11/Sep/13	22,437	121,052	141,424
Thursday	12/Sep/13	22,444	118,993	134,638
Friday	13/Sep/13	22,441	107,357	128,612
Saturday	14/Sep/13	22,436	107,573	127,339
Sunday	15/Sep/13	22,439	105,605	132,493
Monday	16/Sep/13	22,438	104,390	131,264
Tuesday	17/Sep/13	***22,445***	112,271	138,256
Wednesday	18/Sep/13	22,439	115,863	138,302
Thursday	19/Sep/13	22,425	116,199	138,624
Friday	20/Sep/13	22,434	104,047	127,366
Saturday	21/Sep/13	22,442	104,120	120,368
Sunday	22/Sep/13	22,438	108,768	128,243
Monday	23/Sep/13	22,438	103,238	126,566
Tuesday	24/Sep/13	22,433	103,326	128,127
Wednesday	25/Sep/13	22,440	107,106	128,956
Thursday	26/Sep/13	22,441	107,175	130,206
Friday	27/Sep/13	22,437	103,083	127,289
Saturday	28/Sep/13	22,437	106,560	125,156
Sunday	29/Sep/13	22,437	103,032	129,605
Monday	30/Sep/13	22,442	101,150	129,492
September 2013 Monthly Max		22,445	132,094	155,999
September 2013 Monthly Average		22,435	110,108	133,255
September 2013 Total		673,063	3,303,247	3,997,637

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Tuesday	1/Oct/13	22,447	107,885	129,742
Wednesday	2/Oct/13	22,441	***113,019***	***130,150***
Thursday	3/Oct/13	22,439	104,883	128,797
Friday	4/Oct/13	22,440	104,504	122,520
Saturday	5/Oct/13	22,440	97,040	120,955
Sunday	6/Oct/13	22,443	105,308	125,979
Monday	7/Oct/13	22,439	108,246	125,049
Tuesday	8/Oct/13	22,436	104,162	125,412
Wednesday	9/Oct/13	22,438	100,089	126,679
Thursday	10/Oct/13	22,439	104,364	124,431
Friday	11/Oct/13	22,433	92,791	118,190
Saturday	12/Oct/13	22,432	92,763	115,788
Sunday	13/Oct/13	22,441	88,358	109,612
Monday	14/Oct/13	22,437	97,078	124,841
Tuesday	15/Oct/13	22,439	101,058	124,972
Wednesday	16/Oct/13	22,439	104,320	123,810
Thursday	17/Oct/13	22,444	100,874	123,792
Friday	18/Oct/13	22,443	92,950	118,458
Saturday	19/Oct/13	29,446	89,380	115,877
Sunday	20/Oct/13	29,448	97,521	125,197
Monday	21/Oct/13	29,446	95,918	120,915
Tuesday	22/Oct/13	***31,908***	88,847	127,270
Wednesday	23/Oct/13	1,484	108,052	118,963
Thursday	24/Oct/13	22,296	106,926	120,975
Friday	25/Oct/13	22,293	103,692	115,917
Saturday	26/Oct/13	22,289	84,037	113,740
Sunday	27/Oct/13	22,296	96,108	121,058
Monday	28/Oct/13	22,292	92,683	119,695
Tuesday	29/Oct/13	22,292	96,875	120,640
Wednesday	30/Oct/13	22,287	101,233	122,047
Thursday	31/Oct/13	22,303	105,092	116,759
October 2013 Monthly Max		31,908	113,019	130,150
October 2013 Monthly Average		22,709	99,550	121,878
October 2013 Total		703,990	3,086,056	3,778,230

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Friday	1/Nov/13	22,293	92,753	115,640
Saturday	2/Nov/13	22,294	99,231	117,372
Sunday	3/Nov/13	22,299	103,311	124,424
Monday	4/Nov/13	22,298	100,828	125,795
Tuesday	5/Nov/13	22,299	100,689	120,615
Wednesday	6/Nov/13	22,303	93,078	119,830
Thursday	7/Nov/13	22,300	93,174	121,390
Friday	8/Nov/13	22,303	96,691	120,174
Saturday	9/Nov/13	22,297	96,085	114,548
Sunday	10/Nov/13	22,301	96,778	116,720
Monday	11/Nov/13	22,297	96,646	119,126
Tuesday	12/Nov/13	22,300	97,243	118,449
Wednesday	13/Nov/13	22,307	97,400	120,072
Thursday	14/Nov/13	22,304	97,392	122,646
Friday	15/Nov/13	25,562	93,451	115,474
Saturday	16/Nov/13	25,560	73,295	112,685
Sunday	17/Nov/13	25,580	82,833	116,305
Monday	18/Nov/13	***37,158***	107,007	***133,926***
Tuesday	19/Nov/13	25,571	104,363	124,645
Wednesday	20/Nov/13	25,555	93,299	122,969
Thursday	21/Nov/13	25,558	106,099	122,232
Friday	22/Nov/13	25,557	88,441	120,193
Saturday	23/Nov/13	25,566	88,028	117,411
Sunday	24/Nov/13	25,559	101,754	132,301
Monday	25/Nov/13	25,563	***108,935***	127,457
Tuesday	26/Nov/13	25,551	97,954	119,672
Wednesday	27/Nov/13	25,566	96,356	127,334
Thursday	28/Nov/13	25,548	101,486	128,386
Friday	29/Nov/13	25,546	103,594	117,866
Saturday	30/Nov/13	25,558	91,119	119,834
November 2013 Monthly Max		37,158	108,935	133,926
November 2013 Monthly Average		24,425	96,644	121,183
November 2013 Total		732,753	2,899,313	3,635,491

DAY	DATE	ELGIN PUMPAGE (m3)	ARVA PUMPAGE (m3)	TOTAL LONDON CONSUMPTION (m3)
Rated Capacity	-	**95,800 m3 / day**	**318,000 m3 / day**	**413,800 m3 / day**
Sunday	1/Dec/13	25,549	101,770	125,966
Monday	2/Dec/13	25,545	102,215	123,025
Tuesday	3/Dec/13	25,230	91,311	123,757
Wednesday	4/Dec/13	18,663	105,274	123,937
Thursday	5/Dec/13	18,652	102,910	126,973
Friday	6/Dec/13	18,639	103,496	120,782
Saturday	7/Dec/13	18,646	103,333	122,656
Sunday	8/Dec/13	18,646	***114,833***	124,234
Monday	9/Dec/13	18,642	100,999	123,700
Tuesday	10/Dec/13	18,643	104,921	127,848
Wednesday	11/Dec/13	18,648	108,210	127,760
Thursday	12/Dec/13	18,642	112,376	***128,086***
Friday	13/Dec/13	18,642	100,767	117,606
Saturday	14/Dec/13	18,643	96,940	118,739
Sunday	15/Dec/13	18,649	108,171	125,918
Monday	16/Dec/13	18,644	104,806	127,284
Tuesday	17/Dec/13	18,639	104,706	124,472
Wednesday	18/Dec/13	18,644	100,875	124,254
Thursday	19/Dec/13	***26,041***	100,813	120,992
Friday	20/Dec/13	25,156	97,402	117,146
Saturday	21/Dec/13	17,647	97,232	116,908
Sunday	22/Dec/13	17,655	100,675	117,203
Monday	23/Dec/13	17,644	96,516	117,768
Tuesday	24/Dec/13	17,656	92,315	117,637
Wednesday	25/Dec/13	17,653	99,298	101,618
Thursday	26/Dec/13	17,650	91,750	104,665
Friday	27/Dec/13	17,644	84,171	109,031
Saturday	28/Dec/13	17,656	92,185	111,419
Sunday	29/Dec/13	17,653	99,981	113,350
Monday	30/Dec/13	17,646	93,780	118,867
Tuesday	31/Dec/13	17,655	96,967	115,749
December 2013 Monthly Max		26,041	114,833	128,086
December 2013 Monthly Average		19,399	100,355	119,979
December 2013 Total		601,362	3,110,998	3,719,350